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# AMERICAN RAILROAD JOURN

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# IRON MANUFACTURER'S AND MINING GAZETTE.

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#### AMERICAN RAILROAD JOURNAL.

PUBLISHED AT 48 S. THIRD ST., PHILADELPHIA

Saturday, December, 9, 1848.

#### AGAIN AT OUR POST.

After an absence of several weeks from the city and the immediate supervision of the business of the office, we are again at the desk, and shall endeavor to reply promptly to the current demands upon our attention, and also to such communications as may have been received, and remained unattended to, during our absence.

To those who have so generously responded to our call, made in September last, for the amount due up to the close of the current volume, we desire to return our grateful thanks-as they have enabled us to get on smoothly thus far-but as there appears to be serious obstructions ahead, on the track, between this and the station, we must remind those Its agency is already felt in every department of who have not yet remitted the small balance due, that we have not, and shall not forget them if they do us, and the Railroad Journal. And that they may not desire to forget us, or the Journal, we would re- of states commend an immediate remittance, and then they will be sure not to forget either us nor the Journal. Send by mail, at our risk, and never mind the postage.

The Pittsburgh Gazette, of 4th instant, says it is "a fact worth knowing, that if the Pennsylvania Central railroad is extended to Pittsburgh within two or three years, and the Pennsylvania and Ohio railroad to Mansfield, in the same time, all of which e easily accomplished, Philadelphia will have the first continuous and direct railroad communication

northern Indiana and Chicago."

#### Extension of Louisa Railroad to Richmond.

"At a meeting of the citizens of Richmond, says the Republican, of 5th inst., friendly to the extension of the Louisa railroad from the Junction to this city, held at Odd Fellows Hall, on Friday night, on motion of James Lyons, Esq., Gen. Bernard Peyton was called to the chair, and R. H. Gallaher appoint-

ed secretary.

"After a few appropriate remarks from Mr. L., setting forth the importance of the proposed improvement, and alluding to the ultimate extension. of the Louisa road to the Ohio, he moved an adjournment over to Tuesday night-as the meeting, owing to the inclement weather, was too small to do justice to the object in view."

Would it not be better to work westward first, to the Ohio river, before working eastward? It so seems to us. Use the road now in operation until the Ohio is tapped, and then talk about a rival line to Richmond. This is our advice.- [ED. R.R.J.]

#### Changes Produced by Raifroads.

There is much truth in the following remarks of the editor of the Scientific American, and of an English paper:

"The full influence which the passenger and traffic railway is to exert on the relations of society is far from being developed, but it is already great. public and private business. Its speed and punctuality are changing the habits of domestic life, the ar-

"Whoever has stood on an eminence that comands an extensive view of any of our main trunk some great centre of industry, must have been struck with its power of annihilating distance. At brief stated intervals the graceful white steam cloud, waving on the wind, like some chivalrous banner, marks the progress of the train along the central line while similar steamers, converging to it on every side, mark the approach of its tributary tenders, It is this organised system of intercourse that enables with the great west, enjoyed by any city in the Unit-men in every department of commerce and public

rior of Ohio, and enjoy a direct railroad communi- healthiness and the amenity of a rural life, whilst cation with Lake-Erie, with Cincinnati, and possi- engaged in those pursuits which can only be sucbly by that time-and if not, shortly after-with both cessfully followed amid the close, dim and jostling thoroughfares of a city. Even the poor laborer participates in the benefits conferred by this new agent of intercommunication by the extension of the sphere within which he can make his toil available

sensy by which the southern mall will be hereafter sent in a direct line, instead of hy the Ray review, a rather on the rodit, instead of the size, there are our

The National Intelligencer of the least.

"Whoever has occasion to frequent the resorts of business must have noted the insensible change which the railways are producing in its arrangments. To take the first illustration which presents itself, we ay refer to our country merchants who used to lay in goods at considerable intervals, and on a comparatively large scale. Now scarcely any of them keep large stocks on hand; by the aid of the railway they receive supplies they immediately want at intervals throughout the year. They are thus less subject to speculative uncertainties of price, less exposed to loss by injuries of accident to their stock, and more able to conduct their business on a safe ready money system. The change is great from the method of some ten years back. In every department of commerce changes more or less akin to this can be traced to the agency of the railroad."

Railway Accidents.

It is almost incredible to those who read of railway accidents in the newspapers that the number of persons injured by railways is comparatively much less than formerly, when the travel was by post coaches and private carriages. The number of passengers, says the London Railway Chronicle, according to the return recently published, who have travelled by railway during the half year ending on rangements of commerce both in detail and in the the 30th of June last, amounted to 26,330,492, which gross, and even the civil and military organisation is just about the population of England, Ireland and Scotland-and some idea may be formed of the tide of human beings who have passed over the country, as Mr. Locke says "by means of two parallel pieces lines, with its subsidary branches, in the vicinity of of iron," when we reflect that the official numbers actually represent the transmission of every man, woman and child in the United Kingdom a certain distance, within the short period of six months, at a speed previously unattainable, and reduction of danger, considering the mass of human beings thus transferred, almost infinitessimal. The number of accidents figure 189; 90 resulted in death, and 99 in injuries more or less severs. Of passengers, 6 unfortunately were killed, and 60 hurt from no fault She will then have access to all the inte- service to command for themselves and families the of their own, a wonderful small proportion when we

mode of locomotion; the remainder of the ensualties made up from accidents to railway servants, laborets on the lines in construction, and persons who have taken this novel mode of committing survide, as it would seem that Virginia cannot construct a n this novel mode of committing suicide, by precipitating themselves from trains or into their way, and who, in fact, have as much to do with the afety of railway travelling as a man blowing out people. his brains has to do with the safety of fire arms.

Postoffice Department and the Railreads.

From the newspapers we learn that an amicable arrangement has, at length, been made, between the postoffice department, and the Richmond, Fredericks burg and Washington railroad and steamboat company, by which the southern mail will be hereafter sent in a direct line, instead of by the Bay route-or rather on the radii, instead of the circumference of a circle. The National Intelligencer of 4th inst. says "It is with no ordinary satisfaction that we inform our readers that the quarrel between the postoffice department and the railroad and steamboat compa between this city and Richmond, and which o much interfered with the transportation of the southern mails, to the great inconvenience of the public, have at length been satisfactorily adjustedand that the transportation of the mails by that line as formerly, will be resumed on Monday, the 4th of this month." And the Richmond Republican says "It now seems to be certain that the arrangements, for restoring the carrying of the great northern mail to the railroad company, have been completed, and will take effect on Monday next. The Enquirer states that the company have reserved the privilege of changing the schedule on giving sixty days notice, and that the new arrangement has been made to the satisfaction of the James river and Bay line, which has faithfully done its duty. This is a subject of real congratulation to the public. We trust we may never witness another such collision between the parties concerned, as that which has vexed the people for the last 18 months."

We fully concur with the editor of the Republican, and trust that the postoffice department will hereafter endeavor to sustain and advance the railroad interest, rather than to break it down. No important interest in the country better deserves the fostering aid of government than that of railroads. Their infinences are felt by all, and in no way more directly than through the transportation of the mails.

Progress of Railroads in the United States.

ome and its Trade.-For the last few weeks, says the Coosa Journal, business has been very active .-Our merchants, all eager for the purchase of cotton have advanced the price to the highest possible rates, meet its just reward. All these plans have a tend-We are beginning to hear the whistle of the steam engine in the neighborhood of town, the road is counteracted by some energetic movement to push nearly completed to the depot, and the steamboats forward our own works, may seriously affect our are daily looked for at our wharf. In short everything is life and activity."

Thus we shall often read of the "railroad whistle'

and its influences

The citizens of stark and Wayne counties, says the Cincinnati Gazette, are raising the requisite stock lately accomplished, in the main, by the confribu-to make the Central railway from Pittsburg west tions of persons least likely to be benefitted by the through Bellefontaine to Indianapolis. This enterprise is pushed with becoming energy.

MAt a public meeting held at Alexandria, Va., on under the Virginia charter to construct a railway quite in advance of the age. from Alexandria to Orange, and to obtain from the city of Alexandria, for that purpose, a subscription ing notice of the commencement of operations upon to 100,000 dollars of the stock. A resolution was this important line of communication is from the also unanimously adopted, for extending this line Cleaveland Plaindealer:

sider the enormous aggregate who now use this of road to Guyandotte, and thence on to Memphis,

railroad from Richmond to the Ohio at Guyandotte, we hope this line may find more favor with the

The people in the west, northwest and southwest says the Cincinnati Gazette of November 25th, are alive to the subject of railways. A road from Mobile to the Ohio is not only discussed, but measures have been taken to commence the work at Mobile, and proceed north to Nashville. And our neighbors at Louisville are on the alert to secure a termination on the Ohio at that city-and their Indiana neighbors unite with them in a project to cross the Ohio at Louisville, and proceed northwest toward lake Michigan and Chicago. One reason urged and openly avowed for vigorous action at this time on this matter, is to prevent the construction of a line direct from St. Louis to Cincinnati, as well as to cut us off from the Southern road. They expect this to cause the business and travel of these States to make Louisville a point! This is all right in them. We like the enterprise of our neighbors. If they keep awake and act while our people sleep they deserve success.

The city council of Louisville have directed their attention to this subject. Gen. Pickering, president of the railway companies from New Albany to Alton, has been before the council, to present the subject. The Courier says:

"He spoke strongly in favor of the road, and hoped the citizens of Louisville would act in concert with the projectors of the road. The state of Illinois has gradied a charter to the road, and the completed would defeat the contemplated road from Cincinnati to St. Louis. The attempt of the proprietors of the latter road failed last winter to get a charter, and now is the time for our citizens to act for their own benefit. He stated that the contemplated cost of the road from Alton to the Ohio river would be but little upwards of \$2,500,000."

These are not the only railway projects designed to divert trade and travel from our city. Strong ef forts are making to push forward a railroad from Pittsburg through Massillion, Wooster, Bellefon-taine, etc., to Indianapolis, etc. A part of this line From Pottsvil is under contract. Our neighbors of Dayton, are engaged in laudable endeavors to make their flourishing city a point on this line, and to make a connection with Sandusky by the Mad river road, and with Columbus, and the points east by a connection with Xenia. This again is all right. Our neighbors look to their own interest, and their enterprise will ency to divert business from Cincinnati, and if no prosperity.

We have a railway in view from this city to St. Louis, but so little interest is felt in it, that it was found difficult, to raise our quota of the small sum required to survey the route. But this has been tions of persons least likely to be benefitted by the work, and an engineer is now on the line."

The people are moving in all directions, in favor of railroads, and their extension during the next ten the 17th ult., it was resolved to organize a company years will surprise many who now think themselves

Cleaveland and Columbus Railroad. - The follow-

"Clear the Track! The Locomotive is coming .lready known that the Boston company which built the Great Western railroad from Boston io Albany, through mountains, over rivers, and through the worst country in the world almost, have taken the contract to build the Cleaveland and Columbus railroad in two years. They have the experience, enterprise and ability to do it and it will be done. The whole route is in the hands of sub-contractors 36 miles we understand, leading out from this city, let to Leander Ransom, and another of the old Ohio canal contractors, good men and true. The note of preparation is now sounding along the whole line, and the work is fairly begun. From Columbus to Xenia, the work is already under contract and progressing."

## [From the Philadelphia "Commercial List."] Pennsylvania Coal Trade for 1848. From the Lehigh Mines.

The amount of coal shipped from the Lehigh mines during the week ending the 25th ult., and since the opening of the navigation, has been as follows:

10110 1131			Total th	
	ton	S	year-to	ms.
By Lehigh company, Nov. 28	2,357	09.2	14,525	12
By Room Run	1,908	12.1	19,892	12
By Hazleton	931	00	86,485	UU
By Beaver Meadow	1,155	18	82,384	09
By Buck Mountain	813	10	70,975	10
By Spring Mountain	1.158	18	63,127	18
By Cranberry Mines	1,599	00	18,323	00
White Haven	68	05	10,424	16
Diamond Co	214	14	6,288	01
gra	0 000	06 6	69 496	18

From the Schuylkill Mines. The amount of coal forwarded by Reading rail-road during the week ending the 30th ult., and since the 1st of January, has been as follows—

-		Tons	
From	Schuylkill Haven	9,086	17
	Pottsville	3,574	05
	Port Carbon	6,809	13
44	Dowt Clinton	O COL	

The amount of coal brought to market by the Schuylkill canal during the week ending the ult., and since the opening of the canal, has been

e	From Pottsville and Port Carbon 3,844	12
е	Schuylkill Haven 3,000	00
	" Port Clinton 800	00
- 1	THE MANAGEMENT AND WITH THE RESIDENCE OF THE STATE OF THE	-
Ō	Total this week 7,644	12
1	Total this week	16
•	Recapitulation.— Total Shipments this Season,	
6	By Lehigh companies	18
A	By Reading railroad	13
9	By Schuylkill canal428,068	16
t	Total 9.961 784	

#### Pennsylvania Railroad. Second Annual Report.

We find in the Ledger of 5th inst., the following ynopsis of the report made by the president to the shareholders of this company. It is a concise, clear, and manly statement of the condition and requirements of the company to complete this noble, and to Philadelphia, necessary work - and the capitalists of Philadelphia must come up to the work, and furnish the balance of means necessary to complete the road, at the earliest possible period, if they desire to advance as Boston has - or even to hold their own like New York-during the past seven years as set forth on another page in the article on "Railroad Progress.". Of the correctness of the estimate of the

\* The article here referred to is deferred until next

Increased value of property in Boston, as set forth in that article, in consequence of the construction of the Massachusetts railroads,—over and above what it would have advanced without them—we have not the slightest doubt, and we fully believe that similar results would follow upon a similar course of measures by the people of Philadelphia; and we trust therefore that those having the ability will enable the company to push on the work along the whole line, and to completion at the earliest possible period.

In as would, under any circumstances, be sanctioned ble article of domestic comfort in this inhospitable by the company.—

In the city is the eleved to the city in strained what is expected of time for the poor, but the inconvenience of being results would follow upon a similar course of measures by the people of Philadelphia; and we trust therefore that those having the ability will enable the company to push on the work along the whole line, and to completion at the earliest possible period.

In the city is relieved from the depression of a turther increase of debt. A matter that has worked some inconvenience to the The notes of the merchant given in anticipation of the fall trade fell due, but his wares remained time, and to completion at the earliest possible period.

It is doubted whether there is a safer investment in time, bank accommodations and in many cases. line, and to completion at the earliest possible period. We now give the synopsis and shall at an early day give the report entire.

The second annual meeting of the stockholders of the Pennsylvania Railroad Company was held at the office of the company, in this city, yesterday. To this meeting the president of the company presented a lucid and very satisfactory report of the progress that has been made in the great work, the receipts and expenditures, and an estimate of the probable future cost of the road to completion. The object of future cost of the road to completion. The object of this company, our readers know, is to connect the cities of Philadelphia and Pittsburg, by a continuous line of ratiroad—thus opening a direct time of com-munication from the valley of the Mississippi to the Atlantic seaboard. The importance of such a work to the state and to our city is apparent to all, and fully accounts for the integest felt in the progress of the magnificent undertaking. We learn from the report presented yesterday, that the amount received from instalments paid in is - \$1,623,710 09 Of which there has been expended, 1,108,269 31

515,440 69 1,520,000 00 Leaving a balance of - .... - Instalments to be collected, -

Funds for the prosecution of the work, \$2,035,440 69 than sixteen miles an hour at a cost even of four cents The estimate of the whole road, graded for double track and single track laid, including road over the mountains, depots, locomotives, cars, &c, is \$11,140,000. This estimate is for the heaviest trade. But to make the road available to the trade of the counto make the road available to the trade of the country for the entire distance, the whole expenditure is estimated at \$7.860,000. Of this sum, there has been subscribed \$5,250,000, leaving to be subscribed \$2,610,000. The work is naturally divided into two sections; from Harrisburg to the base of the mountains, connecting with the road to Johnstown, forming a line of two hundred and eighty miles long; and form the weather base of the mountains. and from the western base of the mountains to Pitts burg, seventy-six miles, making three hundred and fifty-eight miles as the whole distance between the two cities of Pittsburg and Philadelphia, As there is some doubt of the requisite fands being available as fast as wanted, to complete the whole work, should the entire line be simultaneously placed under contract, the board of directors has applied its whole means to the eastern division, keeping the work as connected as possible, that each section may be made available for dividends as fast as completed. By this policy it is thought the work may be opened to Holydaysburg by next spring a year. The estito Holydaysburg by next spring a year. The esti-mated cost to this point complete, is \$4,066,200 on which has been expended, \$1,063,697 Funds in hand and outstanding instalments, 2,035,440 Am't required to complete eastern section, 967,063

0

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Estimated cost of the western division, \$2,451,248 On this there has been expended but,
Allegheny county has subscribed
As Philadelphia's additional subscription 46,004 tory 1,000,000 of \$1,000,000 by the ordinance cannot be made available until 100 miles of the

road shall be in use, that sum is set down to the western section, as is also \$50,000 additional subscription on the 1,050,000 355,043 line, Leaving a deficiency to be raised of

These united deficiencies of 1,322,106 dollars, to complete sections, and about 600,000 to equip the complete sections, and about out, or equip the road for business to Holydaysburg, will require an additional subscription of two millions, and which if promptly made, the whole road may be in action by the spring of 1851. The report presents the importance of the crisis in this undertaking to our citizens in the of the crists in this undertaking to our cutzens in the snerves; the produce of the tarmer was diverted through the necessity of individual from our city by more accessible communications country is much the same as before representations. As regards the city of Philadelphia, with other outlets to market, and no lumber found the report declares in express terms that it "has altist way to the city except through the channels sented: but before camp it broke into irregular and fantastic looking mountains.—p. 64.

them, the credit of the city is relieved from the de-pressing apprehension of a further increase of debt. A matter that has worked some inconvenience to the company from the fact that the ordinance prohibits the disposal of the city's six per ct. bonds at less than par. It is doubted whether there is a safer investment in the union than the bonds issued on account of this subscription by our city, and yet from some cause, they will hardly bring par, while the loans of the Government, which can be no better, are at a pre-mium of about six per cert. Attheugh individual mium of about six per cent. Although individual subscription to this work is urged upon the busines community as a means of saving and extending trade, many facts are presented, indicating that subscription to this road will prove a sure and profita-ble investment."

Plank Roads not duly appreciated.
We have occasionally referred to, and published descriptions of plank roads, but never until our rewe had an opportunity to test their value and convenience to the traveller and the farmer. Let any man, accustomed to railroad travelling, be competed to make an excursion of twenty or thirty 1,108,269 31 miles in a post coach, in either direction from the season, and he will fully appreciate the comforts of railway travelling, though they may not make more than sixteen miles an hour—at a cost even of four cents a mile. And if he is so tortunnle, after having been dragged for seven or eight hours through the mud, at the rate of nearly three miles an hour, as to come upon a section of plank rand, where the same taken will take him, with ease, six or seven miles an hour, we have no fear but that he will ever, after such an we have no fear but that he will ever, after such an event, be a strong advocate of plank roads. Such at least were our feelings, and, as like circumstances usually produce like results, we have no fear but that we may rely upon the co-operation of all sensible men, in aid of plank roads, who happen to get caught, as we were, in a stage wagon, between Antwerp, in Jefferson county, and Denmark, in Lewis containing more than double the usual load drawn containing more than double the u usually produce like results, we have no fear but 22 miles, and four hours and a half in riding 13 22 miles, and four hours and a half in riding 13 miles next day to Martinsburg—dreary hours those to a lover of railroad travelling; and delightful indeed was the change from that sort of travelling to a good plank road, forly miles between Leyden and Rome, which was performed in less than seven Rome, which was performed in less than seven hours, including stops! That is the way to make converts to that sort of travelling; if our readers do not believe it, let them try the experiment, if the following article from the Utica Herald is not satisfac-

"Our Plank Roads.—Never was a better inves ment made than that which has been embarked in mighty and necessary enterprise. plank roads by the citizens of Utica. The appearance of our streets, crowded daily at this naturally unfavorable season, with well filled wagons laden with lumber, manufactured goods, butter, cheese, grain and other staple produce of the country, and by people from the country coming to trade with our merchants, affords perfect evidence of the wisdom of the policy which dietated the liberal expenditure of money in the construction of these roads.

"At this period of the season, one year ago, our streets wore the appearance of the Sabbath. The wares of the merchant lay gathering dust on his shelves; the produce of the farmer was diverted

umet on his shelves and counters. Extensions of time, bank accommodations and in many cases usurious loans, had to be resorted to in order to avert the sheriff's call.

"That these same evils are not experienced now, is in a main degree attributed to the plant roads.—Business in our city is as active at this time as it has assually been the most favorable seasons of unmer or winter. These interests of the control of the co mer or winter. There is great store of wood, of jumber, and of all kinds of country produce in mar-ket, and prices kept at moderate rates by the whole-

sale competition.
"The four roads extending from our city are now. In full operation, and the amount of travel on them surpasses the estimates of their projectors. The Bridgwater road, we believe, is doing the largest business and paying the best profits. The Northern road which was the last to be completed in The road is some \$2 miles in length, extending from the city to within a few miles of Boonville,—to and beyond which place it is to be extended next year. The route was a difficult and expensive one

The right of way on the old Northern turnpike

"The business at this time of the year is mostly the transportation of butter, cheese, wood and saw-ed lumber to this place for market or shipment.— Of the latter an immense amount has been brought into the city within a few weeks past. We have

#### Railroad to the Pacific,

We continue in this number the letter of Mr. Whitney, commenced in our last, with copious and interesting extracts from the able report of Major Emory, showing the impracticability of a more southern route than that heretofore selected for this

(From the Journal of Commerce of Sept. 16th.) NEW MEXICO AND CALIFORNIA

Continued from page 775.

K After leaving out last night's camp for a mile, the general appearance, width of the country and soil, much resembles the most fertile parts of that river. This, so far, has decidedly the best soil, and the fall of the river being greater, makes it more easy to ir-

rigate.—p. 63.
"Oct. 25, The general character of the

trap. The metallic clink of spurs, and the rattling of the mule's shoes the high black peaks, the dark ravines, and the unearthly looking cactus, which stuck out from the rocks—all favored the idea that we were now treading on the verge of the regions below. This day's journey cost us some ten or fifteen mules. Long and anxious was my study of these mountains, to ascertain mountain barrier, flows off quietly at the rate of the ground was cracked and drawn into blisters. The night was cold. Thermometer at 6 A. M., 20°, lat. 32 55.52, lon. 113.25 25.

"Nov. 18. High wind all day from the north-west, showing that there was still a barrier of snow clad mountains between us same route near this point,—p. 79.

"The Gila at this point, released from its mountain barrier, flows off quietly at the rate patch of dried snear grass. Leaving this. my study of these mountains, to ascertain mountain barrier, flows off quietly at the rate patch of dried spear grass. Leaving this, their general form and direction. Wherever of three miles an hour into a wide plain, the ground as far as the eye could reach, was the eye wandered huge mountains were seen, of black volcanic appearance.-p 66.

"Oct. 27. Vegetation generally was very scarce. This was the first camp since leav-brown, loose, sandy earth. I supposed it ing the Del Norte, in which we had not contained something deleterious to vegeta-

found good grass.—p. 67.

Oct. 29. The dust was knee deep in the rear of the trail: the soil appeared good, but for whole acres not the sign of vegetation

was to be seen .- p. 68

was by the former tenants of these rained the eye, in long white seams.

"In overcoming one set of difficulties, we houses

a rough country without water, and two if adieu to grass, and our mules must hencefor not three days journey. We followed the ward subsist on willow, cotton-wood, and the Gila river 6 or 7 miles when it became ne-long green ephedra.—p. 81. cessary to leave it, how long was uncertain. The ascent was very rapid, the hills stoop, &c.

-p. 71. " Nov. 2.

25.—р. 72.

" Nov. 4. Geological formation on this conglomerate of sandstone and pebbles . then tress overcame, undoubtedly, those who atred sandstone in layers a foot thick: then tempted it.-p. 85. granite, very coarse. The depth of the first was many hundred feet, and in many cases our horses a last watering, we started off in its stratification much deranged. Many large a south western direction. We travelled till

Mount Graham, where we had a shower which barely sufficed to allay the dust, yet the whole face of the country bears marks of

rains and running water.-p. 74.

and our beds on the round pebbles, every-where covering the surface of the ground, so uncomfortable, it was determined to move "From information collected for camp.—p. 75.

ject in view than making our distance westward; yet here we are at this camp only five

small extent, at the mouth of a dry creek .-

which extends south atmost as far as the eye can reach. More than four-fifths of the plain pebbles. was destitute of vegetation; the soil a light

and gave it the appearance of being covered with frost. In this way the numberless tracks of horses and other animals which had "The whole plain from three to six miles tracks of horses and other animals which had which had wide, is within the level of the Gla, and at times traversed the plains, were indellible, and the bottom of the river constantly receivmight easily be irrigated, so it no doubt and could be traced for great distances by

"Nov. 1. No alternative seemed to offer were now to encounter another. In leaving but to pursue Carson's old trail 60 miles over the mountains we were informed that we bade

long green ephedra.—p. S1.

"Nov. 12. Looking from our camp north. 30' west you see a great plain, with mountains rising in the distance on each side. The thermometer at daylight This prospect has induced some travellers to rey, in California, but there is neither grass

"Although we had no rain except at There was not a sprig of grass, or a drop of water and during the whole night the mules kept up a piteous cry for both -- p. 88.

. We marched on briskly to the Gila, 40 miles from our camp of yesterday.

"From information collected from the Indians and others, it appears that we shall

Oct 26. The whole way was a suc through a canon, and the river was crossed growth of lanea. We encamped down in lession of steep ascents and descents, paved 12 or 15 times. The sand was deep, and one of the deserted beds of the Gila, where with sharp angular fragments of basalt and occasionally the trail much obstructed by the ground was cracked and drawn into blis-

strewed with the black, shining well rounded

"At this point, which is about six miles below our camp of this date, the Gila and Colorado must be near together. The hills tion.—p. 80.

"The soil was moist, and wherever the tute of vegetation, and on the plains could be seen only at long intervals a few stunted to the ground, the salts effloresced, tutts of large Mexicana and wild wormwood. seen only at long intervals a few stunted tufts of lama Mexicana and wild wormwood.

-p. 92.
"Nov. 20. The table lands were of sand

ed deposits from them .-- p. 93.

"Nov. 21. The plains are now almost entirely of sand, and composed of sandy and calcareous loom, with iron pyrites and common salt.

"Nov. 22. The day was warm, the dust oppressive, and the march, 22 miles, very long for our jaded and ill-fed brutes .-

The General's horse gave out.
"Nov. 23. We did not move camp today, in order to make a refit from last night's capture, and gave our mules an opportunity venture from here in a direct line to Monte to take what little grass they could before rey, in California, but there is neither grass taking the desert of 90 miles, which lies on slope of the Pinon Land mountains; 1st. nor water on that passage, and thirst and dis the other side of the Colorado, and between us and the water .- p. 95.

" Visit the junction of the Gila and Colorado, due north from the camp 11 miles distant. The day was stormy, wind blowing fiercely from the north. We mounted a masses of sandstone, with their seams of vitri-fied quartz. tong after dark, and dropped down in a dust butte of feldspatic granite, and looking 25° hole near two large green barked acacias. east of north, the course of the Colorado was tracked by clouds of flying sand.

"Francisco informs me that the Colorado, seven days up from from the butte continues

pretty much as we saw it .- p. 96.

" Nov. 24. The country from the Arkan-"Nov. 5. The howitzers did not reach camp last night, yet the grass was so bad miles journey without water or food, that he which must forever stamp itself upon the population which inhabit it. All of North Mexico, embracing New Mexico, Chihuahua, Sonoro, and the Californias, as far north "Nov. 5. The range of mountains transpers to the same as we have been in for some days.—p. 75.

"Since the 1st of Nov. we have been transpenditure of mule power, the stronghold of the Gila, skirted on the south side of the table land, black with basalt pebbles. The same not the Californias, as far north meet with no more grass from this to the as the Sacramento, are, as far as the best information goes, the same in the physical character of its surface, and differ but little in climate and products.

"Nov. 16. We descended into the wood valley of the Gila, skirted on the south side of the table land, black with basalt pebbles. The hills on the north side ware of sad and the Californias, as far north meet with no more grass from this to the as the Sacramento, are, as far as the best information goes, the same in the physical character of its surface, and differ but little in climate and products.

"In no part of this vast tract can the rains from heaven be relied upon to any extent for the same in the physical character of its surface, and differ but little in climate and products.

"In no part of this vast tract can the rains from heaven be relied upon to any extent for the same in the physical character of its surface, and differ but little in climate and products.

penditure of mule power, the stronghold of of the table land, black with basalt pebbles. from heaven be relied upon to any extent for these mountain robbers, having no other ob. The hills on the north side were of red and the cultivation of soil. The earth is destitute grey rocks, probably granite.—p. 91.

"Nov. 17. The route to-day over a tion whatever. A few feeble streams flow a country much the same as that described. in different directions from the great mounseconds of time west of camp 89.—p. 76. a country much the same as that described. in different directions from the great moun"Our camp was on a flat sandy plain of Wherever we mounted to the table lands to tains, which in many places traverse this cut off a bend in the river we found them region. These streams are separated somep. 78. dreary beyond description, covered with times by plains, and sometimes by moun-"Nov. 8. The whole day's journey was blocks of basalt, with a few intervals of dwarf tains, without water and without vegetation;

and may be called deserts, so far as they per- the Sacramento river to the southern ex- rise is said to be five feet, making the greatform any useful part, in the sustenance of tremity of California, and on the north east est water 25 feet.

are within the level of the waters of the places is white, with diminutive spinelas.— seaward, a bar was formed by the deposit of streams, and where practised in a community p. 102. with any success or to any extent, involves a . "I have noticed the only two patches of practicable. degree of subordination and absolute obedi- grass found during the "jornada." ence to a chief, repugnant to the habits of our

many people. He must therefore be armed the horizon in that direction. with power to punish promptly and immedi-

ately. The profits of labor are too inadequate for the existence of negro slavery. Slavery as practised by the Mexicans under the form thing could be more forlorn and desolate.of peonage, which enables their masters to get the services of the adult while in the prime of life, without the obligation of rearing him in infancy, supporting him in old with water and rushes gave way by scores. age or maintaining his family, affords no data

for estimating the profits of slave labor as it exists in the United States.

"I made many inquiries as to the character of the vast region of country embraced in the triangle formed by the Colorado of the to 5000 feet high. west, the del Norte, and the Gila. From all that I could learn, the country does not differ materially in physical character from New Mexico, except perhaps being less denuded of soil and vegetation. The sources of the Salma, the San Francisco, Azul, San Cælas, and Prierte, tributaries of the Gila, take their rise in it. About their head waters and occasionally along these courses are tion.

"The whole extent except on the margin of streams, is said to be destitute of forest trees

" Depariing from the ford of the Colorado in the direction of Sonora, there is a fearful ering but sheep skins. p. 105. desert to encounter. All accounts concur in representing the journey as one of extreme hardships, and even peril-distance repre sented at from 4 to 7 days journey .- p. 98.

great highway between Sonora and Califor- good, the seasons are too dry for men to at period, and the city of Baltimore will be in posses continually but slowly encroaching down the tion. p. 107.

n ns

ninety miles from water to water, is an immense triangular plain, bounded on one side by the Colorado, on the west by the Cordilletas of California, the coast-chain of mountains which now encircles us, extending from having 20 feet of water at low tide. The president and directors of the Baltimore and

by a chain of mountains running south east "The cultivation of the earth is therefore and north-west. It is chiefly covered with Its original debouch was into False buy, confined to those narrow strips of land which floating sand, the surface of which in various where, meeting the waters rolling in from

or neglect to make the proper embankments. route, that it extends many days travel beyond periority of the country adjacent. p. 113. may endanger the means of subsistence of the chain of barren mountains which bound

"The portal to the mountain through flakes of mica and seams of gypsum. No-driven into the harbor. p. 115.

p. 103.

"Nov. 29. The day was intensely hot, and the sand deep. The animals inflated

"Nov. 30. We ascended the valley now destitute of both grass and water, to its ter-Indian village of San Philippe. The moun-

the summit which is said to divis flowing into the Colorado from those flowing into the Pacific, but I think it is a mistake.

-p. 104.

"We are still to look for the glowing pic tures drawn of California. As yet barreness and desolation hold their reign.

" Dec. 2 and 3. We commenced to aswe ascended the hills to the north; our progress was slow and painful. Descended and

nia lies along the foot of this drift which is tempt cultivation without facilities for irriga- sion of advantages for the western trade surpass

"Nov. 26. The dawn of day found every Diego. It was long after night when we city of his adoption, and of that portion of the great and on horseback, with a bunch of grass halted, and though there may have been west looking to mis time for men communication

now fairly on the desert.—p. 100.

"Dec. 11. Our road leading through a ence and sound judgement.

"The desert over which we had passed, rolling country, of light black soil, destitute

"The Rio San Diego runs under ground

" Well grounded fears are entertained that "The southern termination of this desert the immense quantity of sand discharged by is bounded by the Tecate chain of mountains this river will materially injure, if it does not people.

"The chief who directs the time and the quantity of the precious irrigating water, ern boundaries are undefined, and I should evil could be arrested at slight cost compared with the object to be obtained. However, must be implicitly obeyed by the whole com-suppose from the accounts of trappers, and with the object to be obtained. However, munity. A departure from his orders, by others who have attempted the passage from the commercial metropolis must be at St. the waste of water or unjust distribution of it, California to the Gila by a more northern Fracisco, owing to the greater extent and su-

> " Vessels may ride at anchor in the harbor perfectly land-locked, but in very heavy southerly gales some inconvenience may be which we passed, was formed by immense felt by those not provided with good ground buttes of yellow clay and sand, and large tackle, from the immense volumes of kelp

#### Baltimore and Ohio Railroad. Twenty-Second Annual Report.

We are forcibly reminded, on our return to the dest, after an absence of several weeks, of the rapid flight of time, by the appearance of a document which we have long been accustomed to look mination, and then descended to the deserted for with interest, and to peruse with pleasure and profit; and we have looked with an interest greater tains on either side are lofty, supposed 3000 than usual, for this report, as it is to be the last emanating from the able and honorable gentlemen "About 9 miles from the camp, we passed who has for so many years past, and so successfully, the affairs of this pioneer company in the introduction of railroads into this country. On looking through the report, we find that the past year has given, notwithstanding the low price of the productions of the country, a handsome increase of both gross and net receipts on their business; and it is gratifying to us to be able to call attention to the fact that the income of the road has more than presented sections of land capable of irriga- cend another "divide;" leaving the valley, trebbled during the period, ten years, of Mr. McLane's administration; and if he has been prevented by the jealousy of a neighboring state, from visited Indian huts; inmates in great poverty, carrying the work through to the Ohio river, and Thermometer 30°; had no fires, and no cov- thus accomplishing the great object which he had in view, when he accepted the post tendered to him by " Dec. 4. The appearance of desolotion the company, he may with pride refer to his last rewhich the rancheria presents is little calcu-port, which we now give to our readers, and sav lated to impress us with favorable notions of that the income has been more than trebbled, the the agricultural resources of this part of Cali-older portions of the road have been nearly reconwe ascended the river \(\frac{2}{2}\) of a mile, when we encountered an immense sand drift. The barren mountains, and where the land is now let my successors do as much in the same only by New York.—And he may be well satisfied to Dec. 5. Received dispatch from San with his efforts to advance the great interests of the man on horseback, with a bunch of grass halted, and though there may have been from the Colorado tied to his saddle. After getting under way, the keen air 26° Faren heit, made it comfortable to walk; we were now fairly on the desert.—p. 100.

Mest looking to this line for the communication with the Atlantic. We trust that relaxation from the Colorado tied to his saddle. After getting under way, the keen air 26° Faren heit, made it comfortable to walk; we were now fairly on the desert.—p. 100.

Mest looking to this line for the communication with the Atlantic. We trust that relaxation from the Colorado tied to his saddle. After getting under way, the keen air 26° Faren heit, made it comfortable to walk; we were now fairly on the desert.—p. 100.

operations of the company are stated in the tal stock of the company. accounts and statements herewith submitted prepared by the treasurer, and in the letter or just been adverted to, and what will be prest that with the notice that had been given them

The statement A shows the condition of the company's affairs on the 30th ult., and upon the income of the year ending Septem- dition to the motive power of the company, the revenue and expenses of the main stem, ber 30th, 1849. But it was found that this the reconstruction of the road so as to increase

shown by the satement B.

In addition to those documents it will be only necessary succinctly to point the attention of the market, the appearance of which the alteration and improvement would tion of the stockholders to the general and the company as a seller, to any extent would enable each engine to do over and above the principal results which they exhibit.

It will appear that the gross income from the main stem, for the year ending September 30th, 1848, has been \$1,213,664 57; the total expenditure properly chargeable thereto \$662,106 50; and the net revenue \$551, 558 07; showing an increase over the pre ceding year of \$111,727, 99 in the gross income; \$71,277 52 in the expenditure, and \$40,450 47 in the net revenue.

With the net revenue of \$551,558 02, equal to about 8 per cent on the capital stock, the board might have declared a handsome dividend in money among the stockholders but for the reasons presently to be lay.

noticed.

The board, however, have determined in fieu of dividend to increase the capital stock machinery; to proceed with the reconstruc-of the company to the amount of the revenue non or me on, imperieu, and worn out road; adopted by the board on the 7th inst.

The capital of the company, at least all that could be made available, was, as is well known, exhausted before the main stem was completed to Cumberland, and adequately stocked with motive power and machinery. To supply the deficiency it became necessary to use the revenue, when neither the bonds at remote periods, could be negotiated.

For some years, the board were able, after appropiating a portion of each year's net re-

balance among the stockholders.

ble, would have been applied, were so heavy every description,—showing how unsafe, in proposed extra expenditure of \$583,897.

that the board, as the stockholders are aware, deed how inexcusable, it would have been in As this, necessary as it was, in addition to while they declared the usual dividend, were for the board to have looked upon the de-

annual report of the chief engineer, acting as ently detailed, they expected to be able to of a possible demand upon them, it would be general superintendent, dated 1st inst. While the purfor the year ending on the same day, are could not be done without a greater sacrifice the safety and facilitate its use, and to avoid ceive them at par, in payment for work which was on every account to be avoided.

> have all had reference to the permanent in crease of the business of the road and the most profitable transactions of it, were imperiously called for by the demands of the pub lic, and will realize to the company in an necessary expenditure. addition to its property and effects and in increased facilities in its daily operations, more than an equivalent to the amount of the out-

With this view the board deemed it necesapplied during the year to reconstruction, in to change the original and defective location for, pursuant to the terms of a resolution on which the transportation, not intended for distribution in the city, might be done by dinance practically useless. steam to the water's edge, and much of the horse power in the streets be saved and other serious inconveniences avoided.

excuse for not being prepared to meet it.

poses to which capital, had it not been ex has, as already shown, exceeded it, and this timated cost of the former being \$200,046, while they declared the usual dividend, were obliged to make a large portion of it payable mand for transportation in 1847, as temporation the bonds of the company; and during ry, and as too unlikely to occur again to the year just ended, the necessity of a still require any unusual expenditure upon the part of the company. Had the board been disposed to take this view, the suits brought best and most permanent footing, in view of the business constantly accumulating upon it, have not only absorbed the entire revenue of live stock from Cumberland as fast as it ar. Preposals were invited accordingly and con-

Ohio railroad company submitted the followthe year, but caused engagements to be ening report and statement of the affairs of the
company:

Hence it is that no dividend
board are advised and believed that the company could not be visited with the conse-When the board undertook to do what has have been forseen, yet they are also advised, events, to obviate the necessity of any charge chase of cars and engines was an actual adof the company's bonds that would have been all curves of less than six hundred feet radius at all advisable; besides which, in the then was a virtual addition to it-for the work have impaired the value of the bonds in the limit of its performance on the old track, with hands of contractors who had agreed to re- curves of radii as small as four hundred feet, and in some cases, even less, would be equivalent to adding to the number of engines, and The expenditures properly chargeable to ultimately make up, in annual profit to the capital, and here particularly referred to company, the cost of reconstruction. Nor would be the only gain the saving of wear and tear on all the engines and cars of the company, and the lessening of the risk of accidents being alone sufficient to justify the

Nor was it less necessary to provide for the distribution of the freight thus brought in increasing quantities to the border of the city of Baltimore, than it was to provide means for transporting it from Cumberland and sary to add largely to the motive power and other points on the main stem. It is well known, that even heretofore, in the busy sea-son, it has been by the greatest exertions applied during the year to reconstruction, in to change the original and defective location only, and by working day and night, that cluding the extension to the south side of the of the track east of the Monocacy, so that the track in Pratt street has been sufficient basin, the alterations in the bed of the road there should occur upon it no curve of less for the passenger and burthen business of the and to surveys and right of way, and to give radius than six hundred feet; and to extend company; and, although the city authorities to the stockholders certificates or scrip there a branch road to the south side of the basin, permitted steam to be used in the streets, yet t was under restrictions which made the or-

It became necessary, therefore, in the opinion of the board, as a part of their general purpose, to provide such an access to the The demand for transportation eastward water's edge with steam power, relieved from from Cumberland, in 1847, far exceeding as the objections attending all street transportait did, owing to peculiar causes, the experition, as will be furnished by the track leadence of previous years, admonished the board ing to the south side of the basin. In view of the state nor those of the company, payable of the absolute necessity of providing, by the then of the objects to be accomplished, and purchase of additional cars and engines, for the reasons here given, the board ordered against a contingency which, having occurred 10 engines of the first class, and purchased 2 once, might occur again, and when ignorance of the second and 1 of the third class, 28 pasvenue to the above objects, to divide the could not, a second time, be pleaded as an senger and 171 butthen cars, at a cost of \$240,348, and they put under contract such During the years, ending respectively September 30th, 1846, and September 30th, 1846, and September 30th, ny's business in the year ending in September diste improvements in the road bed, and the 1847, the demands upon the revenue for purber 1847, the business of the year just ended branch to the south side of the basin; the estimated cost of the former being \$200.046. hausted, or could it have been made availa- under a diminution in the price of produce of and of the latter \$143,503 - making a total

was commenced.

Of the whole sum expended during the year on account of the reconstruction of the company will be able to do any amount of track ordered in previous years, \$13,838 02 was paid in bonds, \$200,046 for the alterations in the bed of the road, and \$89,004 on the stocked, it is believed that the Nor must it be forgotten that while all the company will be able to do any amount of roads, with which the above comparison has business which they at present have reason to believe will be offered.

When the reconstruction now under conmore and Ohio railroad is as yet incomplete, in the estimates of the chief engineer.

Up to the 30th September there had been has been estimated at \$64.573. delivered 7 engines, 16 passenger and 171 been paid \$150,653 37. The reconstruction of the track may be said to be finished, on account of which bonds falling due January 1st, 1867, for \$13,838 02, and \$164,645, 23 in cash had been paid during the year.—About two thirds of the gradation and mason to the amount of \$52,159 75, payable as above, had been issued, and \$22,569 11 paid in money.

The above shows the application that has been made of so much of the net revenue of the company, for the year just ended, for purposes properly chargeable to capital, and to which capital would have been appropriated, had it not been for the causes already stated.

It will appear from the statements and re be paid in money, amounting to about \$156,-809 16, will, to that extent, be a charge on the revenue of the year ending on the 30th of September, 1849-and if to this be added the sum due for borrowed money, say \$35,-000, and to the Washington road, say \$22, 427 11, there would be the sum of \$214, 236 27 in cash, chargeable upon the revenue of the same year.

The total amount of the bonds of the company for all purposes, now outstanding, exclusive of the old loan for the construction of he Washington road, is \$499,346 20, and

tracts in every way satisfactory, payable in newed with a single track of heavy rail and of those roads, which have cost \$10,165 per bonds, were soon after executed and the work improved construction from Cumberland to mile more than the Baltimore and Ohio rail. Baltimore, and extended to the south side of road.

account of the extension of the track to the tract is completed there will remain but two resting, for the present, at a point which the south side of the basin, are payable in like places on the road—one at the Relay house, most sanguine, even at this day, would hesimanner; and in each case the payments are and the other at Ilchester—where the curves tate to make the terminas of a road, with no made in bonds at par, and for amounts with are of a less radius than six hundred feet; the other connection with the Ohio than would

The laying of the rails on the extension to burthen cars, on account of which there had the south side of the basin has been com- affairs of this road are shown by the statemenced, and it is supposed by the chief engi-ments C and D. neer that the track will probably be ready for use by the first of December next.

During the last year there has been transry of the "improvements" in the road bed of expenditure properly chargeable to revenue \$111,639 76; showing an increase over the had been completed on account of which, has been 54½ per cent. The number of preceding year of \$36,746 42 in the gross \$113,062 74 in bonds falling due January miles run by the engines on the main stem income, \$14,714 22 in the expenditure, and 1st, 1867, had been issued; and \$16,534 60 and Washington road, has been 1,039,439; \$22,032 20 in the net revenue. had been paid in money on account of right and of the 57 engines belonging to the comof way and superintendence. The extension pany, during that time, 48 have been kept in have declared a dividend, for the last six to the south side of the basin was about three constant use. The cost of transporting a pas-months, of \$3 upon each share of stock pay

chief engineer, are important; and are receipts and expenditures of every description stated in this detail that the stockholders by instituting a comparison with similar receipts and expenditures of every description on account of this road; will present the instituting a comparison with similar receipts and expenditures of every description on account of this road; will present the on account of this road; will present the management as have characterised the operations of the main stem, as already detailed; Ohio railroad, may be enabled to appreciate and the efficient condition of the road, and of the manner in which the board has discharg-the motive power and machinery is satisfac-ed its duty in the management and working torily shown by the report of the chief engiports referred to that the outstanding engage of the main stem. Such a comparison affords neer. An inspection of these statements and ments of the company for the objects above perhaps, the best test within reach; and it is report, to which the attention of the stockenumerared amount to about \$270,317 56, one which the board, may with confidence holders is invited, will dispense with any furto be paid in bonds and money. The part to and satisfaction, invite the attention of the ther observations in this place. stockholders.

the cost of transporting a passenger and a ton terms satisfactory to the company. expense per mile run is 10 per cent, and the difficulty in procuring the services of competent account of the objects already adverted to, the aggregate amount of such bonds, issued and a be issued, according to the estimate and report of the chief engineer, will not exceed the sun of \$623,173 71.

When the engines and cars ordered, as a cereinstated, shall all be delivered, the motive power and machinery of the company will consist of 23 engines of the 1st class, 4 of the 2, 15 of the 3d, and 20 of the 4th class; 65 pasenger cars, 37 coal cars of wood, and 20 of iron, and 961 burden cars of all other descriptions; and with the road entirely redescriptions; and with the road entirely redescriptions.

cost of making the change at these places be afforded by the turnpikes and the common roads of the country.

Second, of the Washington Road - The

It will appear that the gross income from the Washington road, for the year ending 30th September 1848, has been \$255,164 73: ported on the main stem 290,698 passengers the total expenditure properly chargeable and 271,252 tons of freight. The proportion thereto \$143,524 92, and the net revenue

Of the net revenue of the year the board

These results, shown by the report of the port of the chief engineer, will exhibit all the

Third, of the Extension of the Road to the There will be found at the end of the chief Ohio River.—The stockholders are already engineer's report a table, showing at a glance aware that authority has been obtained from the proportion of expenditure to revenue—the State of Virginia for this purpose, on

of freight, respectively, per mile—and the During the last year the surveys of the proportion of engines in use to the whole various routes have been dilligently prosecutnumber owned, on six of the principal and ed. They were entered upon about as early best known railroads of the United States, for as the 1st of July, 1847, with two parties of the year 1847, which is the latest date to engineers, which by the 1st of August fol-which access has been had to their respective lowing was increased to three. There was reports. From this it will be seen that the at that time, and for some time subsequent, a expense per mile run is 10 per cent, and the difficulty in procuring the services of compe-

ving extended the lines upon one route as far as Cheat river by the end of December, they would be likely to occur upon any part of the were then removed to the vicinity of the Chio and were engaged up to the end of May in executing the extensive and complex system of surveys necessary for a choice of routes between the month of Piles Fork of Buffalo creek and Wheeling. The estimates of cost upon the route surveyed the previous year from Cumberland to a point about 50 miles therefrom in the glands, were so much delayed by the necessity of removing the parties to the westward, and occupying them there with new work, that the chief engineer could not present his report upon those estimates until the Sth of last April. The difficulties of the the 6th of last April. The difficulties of the form to the board of directors. part of the route which formed the subject of The committee of construction and reconthis report, and of the entire country as far as struction, to whom the subject has been re the Cheat and Tygart's Valley rivers, in ferred, promptly engaged in its investigation. duced the board to call in two consulting en and may be expected to submit their report gineers to confer with the chief engineer upon as soon as a proper respect to its importance the location of this important section of the and to the considerations involved in the subroad. For this purpose the services of Jona- jeet, will admit of. It may be proper to ob than Knight, of Pennsylvania, and John serve, in the meantime, that of the practica-Childe, of Massachusetts, were secured, and bility of making the road to Wheeling, with in the month of June the board of engineers, grades perfectly within the useful available thus constituted, examined the country described, with care, and decided upon all the lines it would be expedient to trace, in order to leave no room for question that the entire ground had been investigated with the utmost The selection, therefore, between routes each

The assistant engineers, having then completed their western surveys, were mmediately transferred again to the region between Cumberland and the Cheat river, and have since been laboriously engaged in running the lines so indicated. They have now near ly completed the surveys east of Cheat river, and two of the parties have moved to the Statement of the Affairs of the Baltimore and ground between that and the Tygart's valley

With the present number of parties the survey of the whole route from the present road to the Ohio at Wheeling may be completed before the coming winter, and the lines will have been traced with sufficient accuracy for satisfactory estimates of distance and cost, although not for actual construction without a revision in their details excepting the greater part of the route upon the first 50 inites, which, if the lines located last year should be ultimately adopted, could be made ready for contract in a very short time. The report of Messrs. Latrobe, Knight and Childe, embracing about the first 27 miles of the extension, was not completed and submitted to the board until their meeting on the 13th day of September. It presents at least three points on the present road, from either of which the extension may be commenced, and also the same number of routes, varying more or less from each other, on which the road may be advantageously constructed; and it contains an elaborate discussion of the estimates and considerations by which, in the opinion of the engineers, the choice among all the routes at the option of the company should be determined. The choice between the points indicated in this report, and the selection it may be proper to make of the route cas far as the mouth of Savage, involves ques-

power of the locomotive engine, and not exceeding in any part 794 feet to the mile, there appears to be no doubt whatever in the minds of the eminent engineers already mentioned. having peculiar advantages, will be one of the earliest subjects for the earnest consideration of the board of directors.

By order of the Board, Office Balt. & Ohio R.R. Co.

	Ohio Railroad Company.	26
	entane nostrutimos n-dones, "repas o ini Ds", re i	1
į	Stock in the Washington branch road \$1,032,600 00	1
	Cost of road to Harper's Ferry 4,000,000 00 Cost of road west of Harper's Ferry 3,623,606 28 Reconstruction of road east of Harper's	
	Cost of road west of Harper's Ferry. 3,623,606 28	67
	Reconstruction of road east of Harper's	7
	Ferry 625,661 26	
	Improvements of road bed east of H.	67
	Ferry 129,597 34	
	Extension of road to Locust Point 129,597 34	
	Sterling bonds in the hands of Baring	
	Brothers & Co 3,181,005 11	1
į	Stock in the Pittsburgh and Cennells-	1
Į	ville railroad company	1
	Sinking fund for the redemption of the	(
١	million loan	1
Ì	Invalid fund	
ì	New York and Maryland Iron and	4
	Coal company	
	Due by the washington branch road. 1.855 33	
	Bills receivable	6
l	Due by C. Slack, late agent at Cum-	7
	berland 775 94	Ī
	Expenses—repairs and interest, viz:	Ţ
	On account of construction, 15,351 47	Š
	of Cumberland	2
l	On account of improvements	
ì	depots	D
l	tion of expenses to receipts, being about 6 per	
Ì	lier only bas grown of 90.991 Traines and Only rail	5
I	Locomotive steam power 62,247 28	
l	Burden cars	3
ĺ	Passenger cars	18
ı	Interest on bonds & on loans	1
ļ	of money	S
١	10 071 182 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Cash in the hands of officers 9,042 86	7
	ADDITION OF THE RESERVE OF A LABOUR STREET, SALES AND A STREET AND A STREET ASSESSMENT OF A STREET ASSESSMENT OF A STREET ASSESSMENT	15

an any that	ni etdire, veny saestariny, pavidte in
	Stock \$7,000,000 00
ny part of the	Loan at six per cent
which these	Loan No. 2, at six per cent 429,951 28
equired to be	Indemnified bonds
nined and di-	State of Maryland, 5 per cent sterling 30 00 100
mately to be	bends
	Baring, Brothers & Co 53,708 95
e interests of	Bills payable 89,017 42
e, the board	Forlened stock
st instance, to	Cash . A Adr
ittee, in order	Revenue
not embraced	Less expenses of working
THE RESERVE OF THE PARTY OF THE PARTY.	the road and keeping it
o a safe and	in repair 622,106 50
hole subject,	198 mg na Tarda 201 201 1,241,569 42
estigated, and	ag 640 26, 61 Duth September there had been
d satisfactory	13,136,940 85
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No many and	E1931 (C.1718) - 3.718 (Sec. ) also NASA - 48E 518E 518E 16 NO NO NO NASA 16 NO NASA 16 NO NASA 16 NO NASA 16
on and recon-	Statement of the Revenue and Expenses of the
has been re-	Baltimare and Ohio Railroad Company,
investigation,	on account of the Main Stem of the Road,
	for the year ending the 30th Sept., 1848.
it their report	
ts importance	The company have received for the transportation
ed in the sub-	of passengers, mails and merchandise, during the
proper to ob-	year ending the 30th Sept. 1848\$1,882,942 58
the practice	And they have due by the postoffice de-
the practica-	partment and individuals 30,721 99
beeling, with	Make Colemban . hattest cond had 1 019 661 57
eful available	Making together
, and not ex-	There have been the following expenses
he mile, there	during the same period, for working
	the road and machinery, and keep-
r in the minds	ing them in repair, viz:
ly mentioned.	Expenses of transportation. 219,962 46
n routes each	Repairs of railroad 167,365 05
vill be one of	biac 4   Alecomotives 62,368 52
est considera-	" passenger cars 26,491 07
ose considera-	burden cars 74,614 10 bridges 59,509 18
dyding and di	depois, etc 14,990 85 design need
d, di ni bale s	water stations 3,946 83
President.	Watching bridges a pump-
aser ranto po	ing water at water stations 12,012 35
and correspon	Losses by accidents, fire, etc 4,022 61
anglier oid	Office and incidental exp., and long it had believed
and the state of the	including salaries, fees to
Baltimore and	counsel, house rent, etc 16,603 74
iny.	Stationary, machinery and
DR.	shops
d.\$1,032,600 00	Making an aggregate of expenses of 662,166 50
4,000,000 00	Personal designations and the second
3,623,606 28	And showing the net earnings of the
S	road to be
625,661 26	Military Company of the control of t
Low orong T.	of egrads a set to [C] and to like 31 008
129,597 34	ANY YOUR CONTROL OF THE REPORT OF THE PROPERTY
88,444 26	
3,181,005 11	Branch Railroad.
Charles with the state of the s	Da.
1,750 00	Cost of road, real estate, engines and
ne 1,750 00	Cash in the hands of officers
96,000 00	Cash on hand
	Cash on hand.
d F vany sale	mee out to shood and to invente 11,770,874 03
13.627 69	CARCO DALLO DE LA CARCO DEL CARCO DE LA CARCO DEL CARCO DE LA CARCO DEL LA CARCO DE LA CARCO DEL LA CARCO DE LA CARCO DEL LA CARCO DEL LA CARCO DEL LA CARCO DEL LA CARCO DELA
1,855 33	C.
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nadxe to uon	17 871,5508 1,770,874 03
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road, is dues	STREET, TOTAL STREET,
4 viscensor	Statement of the Revenue and Expenses of the
5	Washington Branch of the Baltimore and
A CONTRACTOR	Ohio Railroad, for the year ending the 300
3	Sept., 1848.
331,170 21	
9,042 86	The company have received for the transportation
13,136,940 85	of passengers, merchandise and mails, on he
10,100,040 00	road for the year ending the 30th day of Sepim-

And there is still due by the postoffice department and individuals
The second of the property of the
The expenses during the same period
have been as follows, viz:
For bonus to the state, one-fifth of the re
ceipts from passengers 45.884 78
Expenses of transportation 27,365 89
Repairs of the road25,909 6
passenger cars. 8,107 9
" burden cars 5,991 23
" locomotives 6,431 99
bridges, 7,025 93
depois 300 t
water stations 225 6
Eldridge landing annuity , 1,250 00
Washington property 745 61
Miscellaneous improvements 2,881 2
Watching bridges 614 06
Losses by accidents 75 40
Passenger cars 1,710 00
Office and incidental expenses.
including salaries, house rent,
etc 8,999 G

Making an aggregate of expenses of... 143,524 97

And showing the net earnings for the October 1st, 1848.

(lo be continued.)

#### New York and Eric Railroad.

The directors of the New York and Erie railroad company submit the following re-port of their proceedings, and also of their receipts and expenditures, pursuant to the 19th section of the act incorporating the company, and in compliance with the resolution of the assembly, passed February 2, 1843:

Since the date of the last annual report 13 miles of road, extending from the Shawangunk summit to Port Jervis have been com pleted, and the trains commenced running regularly on the 7th inst. This section of the road is more expensive and difficult of construction than any other of the same length between the Hudson river and Lake Erie, and has always been regarded as the most formidable obstacle on the whole work. The road is constructed along the face of the mountain, is very straight and can be run at the highest speeds with safety. The adoption of the Delaware river route has enabled the company to obtain a line descending from Tot. miles run by passenger and freight tr .. 159,632 the mountain on a grade of only 45 feet to the mile. The work is of the most permanent and substantial character. The iron rail used is of American manufacture, and weighs 60 lbs. per yard. There are few if any rail roads in this country on which a greater am't

the fall of 1846, and has been vigorously prosecuted to the present time. A very large force having been employed, and satisfactory progress made, almost the whole of the difficulties between the Hudson river ane Binghamton have been encountered, and to overcome them the whole power and resources of the company are directed. This part of the company are directed. This part of the company are directed. This part of the the the work has progressed since the date of the last report, it will be completed.

AND BUFFALO, N. Y.

1848.—SCHEDULE FOR RUNING.—1848.

Soing west.

1848.—SCHEDULE FOR RUNING.—1848.

Soing west.

1848.—SCHEDULE FOR RUNING.—1848.

Soing west.

1848.—SYRICULE FOR RUNING.—1848.

Soing west.

1848.—SYRICULE FOR RUNING.—1848.

Syricule For Runing Ad train.

24 train. 24 tr

commenced about the first of June next.

The grading of the Newburgh branch has been progressing during the year, and a considerable force is constantly employed upon

The receipts of the company from all sources for the year ending Dec. 31, 1847, were.\$2,306,789 49 Cash on hand 1st January, 1847..... 243,099 15

2,549,888 64

The expenditures during the same time on account of construction and materials, repairs and running the road, and for all other purposes, were....2,379,446 81

a resolution of the assembly, passed Feb. 3, 1843. Number of miles in operation (not including extension to Port Jervis Cost of construction, including pier. \$2,759,835 27 Receipts from through passengers 27,349,06 freight and mail ......... 153,128 34

Total income from transportation.....254,119 08 Expenses of repairing and running the road, and maintaining ferry between New York and Pier-Amount of dividends, none.

Number of locomotives..... 

THOMAS T. TOWNSEND. CORNELIUS SMITH.

JAMES LAURIE, Civil Engineer. No. 23 RAILROAD EXCHANGE, BOSTON, MASS. Railroad Routes Explored and Surveyed. Estimates, Plans and Specifications furnished for Dams, Bridges, Wharves, and all Engineering Structures October 14, 1848.

\$250,875 42 in the fall of the present year. When this is accomplished, the remaining task of the company will be comparatively easy.

255,164 73 In anticipation of the completion of the road to Binghamton the present season, contracts have been made for 21 locomotives of the largest class, and provision has been made for a sufficient outfit of freight and passenger cars, most of which will be built in the shops of the company.

A considerable portion of the iron rails are already upon the line of the road, and the work of laying down the track in the vallies of the Delaware and Susquehanna will be commenced about the first of June next.

The save for sale Am, and English bas iron, of al. sizes; English blister, cast, shear and spring steel; Juniata rods; caraxies, made of double refined iron; sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels, made from common and double refined B. O. iron; sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels, made from common and double refined B. O. iron; sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels, made from common and double refined B. O. iron; sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels, made from common and double refined B. O. iron; sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels, made from common and double refined B. O. iron; sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels, made from common and double refined B. O. iron; sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels, made from common and double refined B. O. iron; sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels, made from common and double refined B. O. iron; sheet and boiler

JAMES HERRON, Civil Engineer,

OF THE UNITED STATES NAVY YARD, PENSACOLA, FLORIDA.,

PATENTER OF THE
HERRON RAILWAY TRACK.
MODELS of this Track, on the most improved
plans, may be seen at the Engineer's Office
of the New York and Eric Railroad.

#### DEAN, PACKARD & MILLS. MANUFACTURERS OF ALL KINDS OF

# RAILROAD CARS

SUCH AS

PASSENGER, FREIGHT AND CRANK CARS.

SNOW PLOUGHS AND ENGINE TENDERS

OF VARIOUS KINDS. CAR WHEELS and AXLES fitted and furnished at short notice; also, STEEL SPRINGS of various kinds; and

SHAFTING FOR FACTORIES.

The above may be had at order at our Car Factory,
REUEL DEAN,
ELIJAH PACKARD,
SPRINGFIELD, MASS.
ISAAC MILLS,
1948

## TO CONTRACTORS.

OFFICE NASHVILLE & CHATTANOOGA R.R. Co. Nashville, 9th November, 1848.

Nashville, 9th November, 1848.

PROPOSALS WILL BE RECEIVED AT
this office on 20th December next, for the Graduation and Masonry of forty miles of road, viz:
twenty miles next to Nashville, ten miles crossing
the Barran fork of Duck river in Bedford county,
Tennessee, and ten miles on the northwest side of
Tennessee, and ten miles on the northwest side of
Tennessee river, in Jackson county, Alabama.
Profiles and plans may be seen at this office after
12th December. By order of the board.

C. F. M. GARNETT,
Chief Engineer.

N. B. Twenty-five miles of road (including the Tunnel,) and siximiles heavy mountain work are under contract. Seven Hundred Laborers are wanted by the Contractors.

51\*48

#### TO NOTICE. A RAILROAD LINE BETWEEN ALBANY



#### RIDER'S PATENT IRON BRIDGE.

The Rider Iron Bridge having now been fully tested on the Harlem Railroad, by constant use for about eighteen months, and found to answer the full expectations of its most sanguine friends, is now oftered to the public with the atmost confidence as to its great utility over any other Bridge now known. The plan of this Bridge is to use the iron so as to obtain its greatest longitudinal strength, and at the same time is so arranged as to secure the combined principles of the Arch, Suspension and Triangle, all under such controlling power as causes each to act in the most perfect and secure manner, and at the same time impart its greatest strength to the whole work.

The Rider Iron Bridge Company are prepared to furnish large quantities of Iron Bridging for Rail Road or other purposes, made under the above Patent, at short notice, and at prices far more economical than the best wood structure, and on certain conditions, the first cost may be made the same as wood.

Models, and pamphlets giving full descriptions of the Rider Bridge, with certificates based on actual trial from undoubled sources, will be found at the office of the Company, 74 BROADWAY, up stairs, or of W. Rider & Brouge, 58 Liberty Street, where terms of contract will be made known, and where orders are solicited.

November 25, 1848.

Agent for the Company.

#### CAR MANUFACTORY, CINCINNATI, OHIO.

ECK & DAVENPORT WOULD REspectfully call the attention of Railroad Companies in the West and South to their establishment at Cincinnati. Their facilities for manufacturing are extensive, and the means of transportation to different points speedy and economical. They are prepared to execute to order, on short notice, Eight Wheeled Passenger Cars of the most superior description, Open and Covered Freight Cars, Four or Eight-Wheel Crank and Lever Hand Cars, Trucks, Wheels and Axles, and Railroad Work generally. Cincinnati, Ohio, October 2, 1848.

Scotland, France and Germany, for Land Marine and other Steam Engine Boilers.

THOMAS PROSS

Pa

28 Platt street, Ne

ENGINEERS' AND SURVEYERS

INSTRUMENTS MADE B'

EDMUND DRAPER,

Surviving partner of

#### RAILROAD IRON.

THE MOUNT SAVAGE IRON WORKS,
Allegheny Connty, Maryland, having recently passed into the hands of new proprietors, are now
prepared, with increased facilities, to execute orders
for any of the various patterns of Railroad Iron.—
Communications addressed to either of the subscribers will have prompt attention.

J. F. WINSLOW, President
Mount Savage Iron Co., Troy, N. Y.
ERASTUS CORNING, Albany,
WARREN DELANO, Jr., N. Y.
JOHN M. FORBES, Boston.
ENOCH PRATT, Baltimore, Md
November 6, 1848.

Mount Savage Iron Co., Troy, N. Y.
ERASTUS CORNING, Albany.
WARREN DELANO, Jr., N. Y.
JOHN M. FORBES, Boston.
ENOCH PRATT, Baltimore, Md
November 6, 1848.

THE NEWCASTLE MANUFACTURING
Situated in the town of Newcastle, Del., Locomotive
and other seam engines, Jack screws, Wrought iron
work and Brass and Iron castings, of all kinds connected with Steambo's, Railroads, etc.; Mill Gearing of every description; Cast wheels (chilled) of
any pattern and size, with Axles fitted, also with
wrought tires, Springs, Hoxes and bolts for Cars;
Driving and other wheels for Locomotives.
The works being on an extensive scale; all orders
will be executed with promptaess and despatch.
The works being on an extensive scale; all orders
will be executed with promptaess and despatch.
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will be executed with promptaess and despatch.
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The works being on an extensive scale; all orders
will be executed with promptaess and despatch.
The works being on the town of Newcastle Manuf.
The works being of the town of Newcastle Manuf.
The works are

LAP-WELDED

WROUGHT IRON TUBES

#### TUBULAR BOILERS.

FROM 1 1-2 TO 8 INCHES DIAMETER.

These Tubes are of the same quality and manu facture as those so extensively used in England, Scotland, France and Germany, for Locomotive

THOMAS PROSSER,

Patentee. 28 Platt street. New York



No 23 Pear street, ly10 near Third,

below Walnut, Philadelphia.

要

RAILROAD IRON.

3000 TONS, ABOUT 60 LBS. PR lineal yard—deliverable early in the Spring, and of undoubted quality, can be contracted for at a low rate. For sale by DAVIS, BROOKS & CO.,

68 Broad street.

New York, Sept. 16. 1848, Also on hand-1000 Tons best quality Rails.

FULLER'S PATENT INDIA RUBBER CAR PULLER'S PATENT INDIA RUBBER CAR SPRINGS.—These Springs have been in use for nearly four years, with most complete success, and they are now in use upon most of the principal roads in this country. They are made of the best material, are economical, light, and very easy in their motion—all persons using them are guaranteed against adverse claims.

Offices 78 Broad street New York, and Jas. Lee Co., 18 India wharf, Boston.

Railroad companies are cautioned against the statements made by the New Eugland car company. The India rubber used by the patentee is the best that can be made, and does not conflict with any existing patent. The rediculous statement that a pamay not vend his own invention needs no retentee mark.

The patent for these springs was granted to W. C. Fuller, in Oct., 1845, in the United States and in England; A Mr. Ray claims to have invented another spring, which counsel advise, is a mere evasion of Mr. Fuller's patent, and proceedings are being taken to stop that infringement.

ing taken to stop that infringement.

"The New England Car Company" have published an article-from the pen of Mr. Hale, president of the Boston and Worcester railroad, expressing his opinion concerning these springs—but they have forgotten to publish the whole of that article; it is therefore given in full now, and the portion omitted by the New England car company is printed in itaics, that the public may judge of the manner in which this "company" pervert Mr Hale's meaning.

G. M. KNEVITT, Agent,
78 Broad St., New York.

September 30, 1848.

September 30, 1848.

[From the Boston Advertiser of the 7th June.]

INDIA RUBBER SPRINGS EOR RAILROAD CARS. "Of the numerous uses to which the wonderful "Of the numerous uses to which the wonderful elasticity and durability of India rubber, renders this material applicable, we are hardly aware of one, in which it has been more successful than in forming springs for railroad cars. We have had occasion to observe, for some months past, its application to this use, on one of the passenger cars on the Newton special train of the Boston and Worcester railthis use, on one of the passenger cars on the Newton special train of the Boston and Worcester railroad. It is there used not only for the springs on which the car rests, but for the springs attached to the draw bar, at each end of the car, to prevent any jar on the sudden commencement, or interruption of the motion of the ear. For both these purposes it appears to be admirably adapted, and we do not learn that during the period in which it has been used, any defect in it has been discovered. It renders the movements of the car extremely easy, and protects it more effectually, we think, than any other spring which we have seen in use, from every harsh or unpleasant motion, either vertical or horizontal. It is also simple in its form and application, extremely light, and little liable to get out of repair. During the period of some months in which we have seen the springs in operation, there is no apparent wear or diminution of its efficiency. Each spring is composed of several circular layers or rings of India trubber, a thin metallic plate of the same size being interposed between each of the layers. From the simplicity of its form, it cannot be expensive, and it admits of being made more or less elastic almost at pleasure. The invention, we understand, was first patented in England, where it has been introduced into general use on several of the principal railroads, and we have no doubt it will come into very extensive use in this country. The patent for this invention, we understand, has been granted to Mr. W. C. Fuller in England and France, and also in this country. Mr. Knevilt, of New York, is the agent for the patentee in the United States, and he has established a branch office for the supply of the article in this city, as may be learned from an advertisement in another column of this paper."

#### DIRECT ACTION ENGINES FOR STEAMBOATS

THE PATENT DOUBLE CYLINDERS,

THE ANNULAR RING PISTON ENGINES. of Messrs. Mauldslay, Sons & Field, of London, may be built in the United States, under license, which can be obtained of their agent,

THOMAS PROSSER, C. E., 28 Platt street, New York.

May 6, 1848.

#### WILLIAM JESSOP & SONS. CELEBRATED CAST-STEEL

The subscribers have on hand, and are constantly receiving, from their manufactory,

PARK WORKS, SHEFFIELD,
Double Refined Cast Steel—Square, flat & octagon.
Best warranted Cast Steel—Square, flat & octagon.
Best Double and Single Shear Steel—Warranted. Machinery Steel-Round.

Best and 2d gy. Sheet Steel-for Saws and other

German Steel—flat and and and and "Goat" Stamps.
Genuine "Sykes," L Blister Steel.
Best English Blister Steel, etc., etc., etc.
All of which are offered for sale on the most familiar terms, by WM. JESSOP & SONS,
91 John Street, New York,

Also by their Agents—
Curtus & Hand, 47 Commerce St., Philadelphia,
Alex'r Fullerton, & Co., 119 Milk St., Boston.
Stickney & Beauty, South Charles St., Bal'imore.
May 6, 1948 May 6, 1848.

THE SUBSCRIBERS ARE NOW MANUfacturing Metallic Plate Wheels of their invention, which are pronounced by those that have used them, a superior article, and the demand for them has met the most sanguine expectations of the inventors. Being made of a superior quality of Charcoal Iron, they are warranted equal to any manufacture.

We would refer Railroad Companies and others to the following roads that have them in use. Hartford and New Haven, Connecticut River Railroad, Housatonic, Harlem, Farmington, and Stonington.

SIZER & CO.

January 29, 1848. If Springfield, Mass.

RAILROAD IRON AND LOCOMOTIVE Tyres imported to order and constantly on hand by A. & G. RALSTON Mar, 2011

ASSUMPTION TORROW MANUFACTURERS

Agents Fairbanks & Co., SI Water st. N. Vosts.

Agents Fairbanks & Co., SI Water st. N. Vosts.

Agents Fairbanks & Co., SI Water st. N. Vosts. NEW PATENT CAR WHEELS

TO MACHINISTS & MANUFACTURERS. The Subscribers have taken the READING CAR AXLE MANUFACTORY—and are prepared to execute orders for Axles of every description, and Wrought Iron Shafts for Steamboa's, Mills, etc., made from superior material, at short notice. Address Reading, Pa.

ANDREW TAYLOR & CO.

August 5, 1848-3m\*

RAILROAD IRON-SHEET IRON-BRASIER'S RODS-HOOPS-SCROLL BANK'S BEST-& OTHER GOOD MAKES ENGLISH IRON.

100 Tons Railroad Iron—Staffordshire make— 56 pounds per yard—shipped from Liverpool 20th July, expected to land on wharf from 10th to 20th

Also have Invoices of Sheet Iron, Brasier's Rods, Hoops, Scroll, and Band Iron, Banks best, and other good makes of English Rolled Iron, to arrive, suitable for Railroad Axles, etc., etc., equal in quality to American Rolled Iron. I have agency of several best makers in England and Wales, and can veral best makers in England and Wales, and can ternal best makers in England and Water, and can be import for Railroad Companies, and others, on best terms, and at much less prices than they can be sup-plied from American Mills.

DAVID W. WETMORE,

218 Water street.

6w\*

New York, Sept. 9, 1848.

MATTEWAN MACHINE WORKS.

THE MATTEWAN COMPANY HAVE added to their Machine Works, an extensive Locomorive Exgins department, and are prepared to execute orders for Locomotive Engines of every size and pattern—also, Tenders, Wheels, Axles, and other Railroad Machinery, to which they ask the attention of those who wish such articles, before they purchase elsewhere.

STATIONARY ENGINES, BOILERS, ETC., Of any required size or pattern, arranged for driving Cotton, Woollen, or other Mills, can be had on favorable terms, and at short notice.

COTTON AND WOOLLEN MACHINERY Of every description, embodying all the modern im-provements, second in quality to none in this or any other country, made to order.

MILL GEARING,

Of every description, may be had at short notice, as this company has probably the most extensive assortment of patterns in this line, in any section of the country, and are constantly adding to them.

TOOLS.

TOOLS.
Turning Lathes, Stabbing, Plaining, Cutting, and Drilling Machines, of the most approved patterns, together with all other tools required in machine shops, may be had at the Mattewan Company's Shops, Fishkill Landing, or at

39 Pine Street, New York.

WM. B. LEONARD, Agent.

FAIRBANKS' RAILROAD SCALES.

THE Subscribers are prepared to construct at short notice, Railroad and Depot Scales, of any desired length and capacity. Their long experience as manufacturers—their improvements in the construction of the various modifications, having reference to strength, durability, retention of adjustment, accur-racy of weight and despatch in weighing—and the long and severe tests to which their scales have been

Agents FAIRBANKS & Co., St. Water st. N. York.

A. B. Norris, 196 Market st., Philad.

April 22, 1848.

DATENT HAMMERED RAILROAD, SHIP PATENT HAMMERED RAILROAD, SHIP
and Boat Spikes. The Albany Iron and Nail
Works have always on hand, of their own manufacure, a large assortment of Railroad, Ship and Boat
Spikes, from 2 to 12 inches in length, and of any form
of head. From the excellence of the material always used in their manufacture, and their very general use for railroads and other purposes in this country, the manufacturers have no hesitation in warrant try, the manufacturers have no hesitation in warranting them fully equal to the best spikes in market, both as to quality and appearance. All orders addressed to the subscriber at the works, will be promptly executed.

JOHN F. WINSLOW, Agent.

Albany Iron and Nail Works, Troop, N. Y.

The above spikes may be had at factory prices, of Erastus Corning & Co., Albany; Hart & Merritt, New York; J. H. Whitney, do.; E. J. Etting, Philadelphia; Wm. E. Coffin & Co., Boston.

RAILROAD IRON.

THE NEW JERSEY IRON CO.'S WORKS, at Boonton, are now in full operation, and can care the orders for Railroad Bars of any required pattern, equal in quality to any made in this country. Apply to DUDLEY B. FULLER, Ag't 139 Greenwich Street.

New York, October 25, 1848.

CHILLED RAILROAD WHEELS.—THE undersigned are now prepared to manufacture their Improved Corrugated Car Wheels, or Wheels with any form of Spokes or Disks, by a new process which prevents all strain on the metal, such as is is produced in all other chilled wheels, by the manuer of casting and cooling. By this new method of manufacture, the bubs of all kinds of wheels may be made whole—that is, without dividing them into sections—thus rendering the expense of banding unnecessary; and the wheels subjected to this precess will be much stronger than those of the same size and weight, when made in the ordinary way.

A. WHITNEY & SON,

Willow St. below 13th,

Nov. 10, 1847. [tf.] Philadelphia, Penna.

Nov. 10, 1847. [tf.] Philadelphia, Penna



THE SUBSCRIa good assortment of his best Leveling and Surveying Instru-ments, among them his improved Com-pass fortaking angles without the needle also Bells, suitable for Churches, Rail-ANDREW MENELLY.

ad Depots, etc. AND: West Troy, May 12, 1847.

ATENT RAILROAD, SHIP AND BOAT Spikes. The Troy Iron and Nail Factory keeps Spikes. The Troy fron and Nail's actory keeps constantly for sale a very extensive assortment of Wrought Spikes and Nails, from 3 to 10 inches, manutactured by the subscriber's Patent Machinery, which after five years' successful operation, and now almost universal use in the United States (as well as England, where the subscriber obtained a patent) are found superior to any ever offered in market.

Bailread companies may be supplied with Spikes

Railroad companies may be supplied with Spikes having countersink heads suitable to holes in iron rails, to any amount and on short notice. Almost rails, to any amount and on short notice. Almost all the railroads now in progress in the United States are fastened with Spikes made at the above named factory—for which purpose they are found invaluable, as their adhesion is more than double any common spikes made by the hammer.

All orders directed to the Agent, Troy, N. York will be nuretually attended to

will be purctually attended to.

HENRY BURDEN, Agent

Spikes are kept for sale, at Factory Prices, by & J. Townsend, Albany, and the principal from mer chants in Albany and Troy; J. I. Brower, 222 Water St., New York; A. M. Jones, Philadelphia; T. Jar viers, Baltimore; Degrand & Smith, Boston.

\* \* Railroad Companies would do well to forward their orders as early as practicable, as the subscriber is desirous of extending the manufcturing so as to keep pace with the daily increasing demand.

ja45

TO LOCOMOTIVE AND MARINE ENgine Boiler Builders. Pascal Iron Works, Philadelphia. Welded Wrought Iron Flues, suitable for Locomotives, Marine and other Steam Engine Boilers, from 2 to 5 inches in diameter. Also, Pipes for Gas, Steam and other purposes; extra strong Tube for Hydraulic Presses; Hollow Pis-tons for Pumps of Steam Engines, etc. Manufac-tured and for sale by

MORRIS TASKER & MORRIS,
Warerouse S. E. corner 3d and Walnut Sts., Phila

delphia

CHILLED RAILROAD WHEELS. — THE undersigned the Original Inventor of the Plate Wheel with solid hub, is prepared to execute all orders for the same, promptly and faithfully, and solicits a share of the patronage for those kind of wheels which are now so much preferred, and which he originally produced after a large expenditure of time and money.

Point Pleasant Foundry, Point Pleasant Foundry,

He also offers to furnish Rolling Mill Castings and other Mill Gearing, with promptness, having he believes, the largest stock of such patterns to be found in the country.

A. T. Kensington, Philadelphia Co.

## NORWICH CAR FACTORY. NORWICH, CONNECTICUT.

T the head of navigation on the River Thames, and on the line of the Norvoich and Worcester broad, established for the manufactory of RAILROAD CARS,

PASSENGER, FREIGHT AND HAND CARS,

ALSO, VARIOUS KINDS OF ENGINE TENDERS AND SNOW PLOUGHS. TRUCKS, WHEELS & AXLES

Furnished and fitted at short notice. Orders executed with promptness and despatch.

Any communication addressed to JAMES D. MOWRY,

General Agent, Norwich, Co

188

Will meet with immediate attention.

MANUFACTURE OF PATENT WIRE Rope and Cables for Inclined Planes, Standing Ship Rigging, Mines, Cranes, Tillers etc., by JOHN A. ROEBLING, Civil Engineer, Pittsburgh, Pa.

These Ropes are in successful operation on the planes of the Portage Railroad in Penusylvania, on the Public Slips, on Ferries and in Mines. The first rope put upon Plane No. 3, Portage Railrord, has row run 4 seasons, and is still in good condition.

NICOLL'S PATENT SAFETY SWITCH for Railroad Turnouts. This invention, for some time in successful operation on one of the principal railroads in the country, effectually prevents engines and their trains from running off the track at a switch, left wrong by accident or design.

In acts independently of the main track rails, being laid down, or removed, without cutting or displacing them.

It is never touched by passing trains, except when in use, preventing their remains off the track. It is simple in its construction and operation, requiring only two Castings and two Rails; the latter, even if much worn or used, not objectionable.

Working Models of the Safety Switch may be seen at Messrs. Davenport and Bridges, Cambridgeport, Mass., and at the office of the Railroad Journal, New York.

New York.

Plans, Specifications, and all information obtained on application to the Subscriber, Inventor, and Page G. A. NICOLLS,

TO RAILROAD COMPANIES AND BUILD-ERS OF MARINE AND LOCOMOTIVE ENGINES AND BOILERS.

#### PASCAL IRON WORKS.

WELDED WROUGHT IRON TUBES

4 inches to a in calibre and 2 to 12 feet ble of sustaining pressure from 400 to 2500 square inch, with Stop Cocks, Te, Le, fixtures to suit, fitting together, with s, suitable for STEAM, WATER, GAS, and OMOTIVE and other STEAM BOLLER F.



Manufactured and for sale by MORRIS.
TASKER & MORRIS.
brehouse S. E. Corner of Third & Walnut Street PHILADELPHIA.

AWRENCE'S ROSENDALE HYDRAJulic Cement. This cement is warranted equal
to any manufactured in this country, and has been
pronounced superior to Francis' "Roman." Its
value for Aqueducts, Locks, Bridges, Flooms and
all Masonry exposed to dampness, is well known,
as it sets immediately under water, and increases in
solidity for years.

For sale in lots to suit purchasers, in tight paperea barrels, by JOHN W. LAWRENCE,

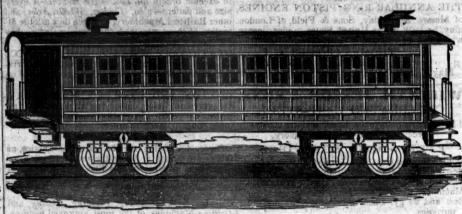
142 Front street, New York.

To Orders for the above will be received and
promptly attended to at this office.

32 19

3211

# VENPORT & BRID WORKS, CAMBRIDGEPORT,



Manufacture to Order, Passenger and Freight Cars of every description, and of the most improved pattern; also furnish Snow Ploughs and Chilled Wheels of any pattern and size. Forged Axles, Springs, Boxes and Bolts for Cars at the lowest prices.

All orders punctually executed and forwarded to any part of the country.

Our Works are within fifteen minutes ride from State street, Boston—Omnibuses pass every fifteen

THE SUBSCRIBERS ARE PREPARED TO execute orders at their Phænix Works for Raffroad Iron of any required pattern, equal in quality and finish to the best imported.

REEVES, BUCK & CO.,

ROBERT NICHOLS, Agent, No 79 Water St., New York.

#### RAILROAD IRON, PIG IRON, ETC.

600 Tons of T Rail 60 lbs. per yard.

25 Tons of 21 by \$ Flat Bars.
25 Tons of 21 by \$ Flat Bars.
25 Tons of 21 by 9-16 Flat Bars.
100 Tons No. I Gartsbrorte.
100 Tons Welsh Forge Pigs.
For Sale by A. & G. RALSTON & CO.
No. 4 So. Front St., Philadelphin

## FRENCH AND BAIRD'S PATENT SPARK ARRESTER.

To THOSE INTERESTED IT Railroads, Railroad Director and Managers are respectfully invi ted to examine an improved Spark Arrester recently patented by the un

dersigned.

Our improved Spark Arrester have been extensively used during the last year on both passenger & freight engines, and have been brought a such a state of perfection that no an noyance from sparks or dustfrom the chimney of engines on which they are used is experienced.

These Arresters are constructed on an entirely different principle from an entirely different princ

an entirely different principle from any heretotore offered to the public The form is such that a rotary motion is imparted to the heated air smoke and sparks passing through the chimney, and by the centrifugal force thus acquired by the sparks and dust they are separated from the smoke and steam, and thrown into an outer chamber of the chimney

through openings near its top, from whence they fall by their own gravity to the bottom of this chamber; the smoke and steam passing off at the top of the chimney, through a capacions and unobstructed passage, thus arresting the sparks without impairing the power of the engine by diminishing the draught or activity of the fire in the furnace.

These chimneys and arresters are simple, durable and neat in appearance. They are now in use on the following roads, to the managers and other officers of which we are at liberty to refer those who

on the following roads, to the managers and other officers of which we are at liberty to refer those who may desire to purchase or obtain further information in regard to their merits

R. L. Stevens, President Camden and Amboy Railroad Company; Richard Peters, Superintendant Georgia Railroad, Augusta, Ga.; G. A. Nicolls, Superintendant Philadelphia, Reading and Pottsville Railroad, Reading, Pa.; W. E. Morris, President Philadelphia, Germantown and Norristown Railroad Company, Priladelphia; E. B. Dudley, President W. and R. Railroad Company, Wilmington, N. C.; Col. James Gadsden, President S. C. and C. Railroad Company, Charleston, S. C.; W. G. Walker, Agent Vicksburgh and Jackson Railroad, Vicksburgh, Miss.; R. S. Van Rensselaer, Engineer and Sup't Hartford and New Haven Railroad; W. R. M'Kee, Sup't Lexington and Ohio Railroad, Lexington, Ky.; T. L. Smith, Sup't New Jersey Railroad Trans. Co.; J. Elliott, Sup't Motive Power Philadelphia and Wilmington Railroad, Wilmington, Del.; J. O. Sterns, Sup't Elizabethtown and Somerville Railroad; R. R. Cuyler, President Central Railroad Company, Savannah, Ga.; J. D. Gray, Sup't Macon Railroad, Macon, Ga.; J. H. Cleveland, Sup't Southern Railroad, Monroe, Mich.; M. F. Chittenden, Sup't M. P. Central Railroad, Detroit, Mich.; G. B. Fisk, Presistent Long Island Railroad, Brooklyn.

Orders for these Chimneys and Arresters addressed to the subscribers are an Macon, Rail.

Orders for these Chimneys and Arresters, addressed to the subscribers, care Messrs. Baldwin & Whitney, of this city, will be promptly executed. FRENCH & BAIRD.

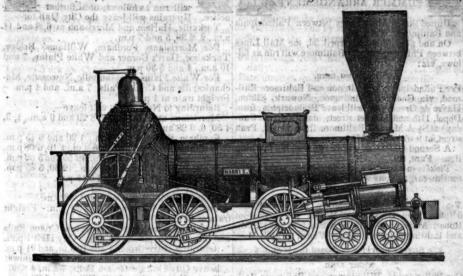
N. B.—The subscribers will dispose of single rights, or rights for one or more States, on reasona-Philadelphia, Pa., April 6, 1844.

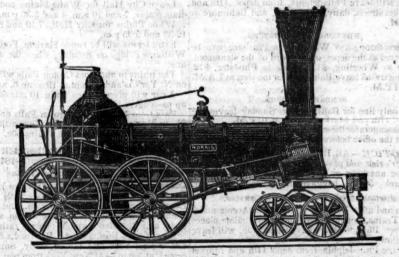
The letters in the figures refer to the article given in the Journal of June, 1844.





## NORRIS' LOCOMOTIVE WORKS BUSHHILL, SCHUYLKILL SIXTH-ST., PHILADELPHIA.





Their shops being enlarged, and their arrangements considerably extended to facilitate the speedy execution of work in this branch, they can offer to Railway Companies unusual advantages for prompt

delivery of Machinery of superior workmanship and finish.

Connected with the Locomotive business, they are also prepared to furnish, at short notice, Chilled

431701

Wheels for Cars of superior quality.

Iron and Brass castings, Axles, etc., fitted up complete with Trucks or otherwise.

NORRIS' BROTHERS.

ACHINE WORKS OF ROGERS, Ketchum & Grosvenor, Patterson, N. J. The undersigned receive orders for the following articles, manufactured by them of the most superior descrip tion in every particular. Their works being exten-sive and the number of hands employed being large,

sive and the number of hands employed being large, they are enabled to execute both large and small orders with promptness and despatch.

Railroad Work.

Locomotive steam engines and tenders; Driving and other locomotive wheels, axles, springs & flange tires; car wheels of cast iron a variety of patterns, and chills; car wheels of cast iron with wrought tires; axles of best American refined iron; springs; boxes and bolts for cars.

Cotton, Wool and Flax Machinery of all descriptions and of the most improved patterns, style and workmanship.

of all descriptions and of the most improved patterns, style and workmanship.

Mill gearing and Millwright work generally hydraulic and other presses; press screws; callenders; lathes and tools of all kinds; iron and brase castings of all descriptions.

ROGERS, KETCHUM & GROSVENOR, Paterson, N. J., or 60 Wall street, N. York.

PIG AND BLOOM IRON.—THE SUBSCRI hers are agents for the sale of numerous brands of Charcoal and Anthracite Pig Iron, suitable for Machinery, Railroad Wheels, Chains, Hollowware, etc. Also several brands of the best Puddling Iron, Juniatta Blooms suitable for Wire, Boiler Plate, Axe

Iron, Shovels, etc. The attention of those engaged in the manufacture of Iron is solicited by

A. WRIGHT & NEPHEW,

191f Vine St. Wharf, Philadelphia.

C. WASON, Manufacturers of every style of Freight and Baggage Cars.—Forty rods east of the depot, Springfield, Mass.
Running parts in sets complete. Wheels, Axles, or any part of cars furnished and fitted up at short notice and in the best manner.

N.B. Particular attention paid to the manufacture of the most improped Freight Cars. We refer

ture of the most improved Freight Cars. We refer to the New Haven, Hartford and Springfield; Connecticut River; Harlem; Housatonic, and Western, Mass, Railroads, where our cars are now in constant use.
Dec.25, 1847.—1y.

PRING STEEL FOR LOCOMOTIVES,
Tenders and Cars. The Subscriber is engagep
in manufacturing Spring Steel from 11 to 6 inches
in width, and of any thickness required: large quantities are yearly furnished for railroad purposes, and
wherever used, its quality has been approved of.
The establishment being large, can execute orders
with great promptitude, at reasonable prices, and the
quality warranted. Address

JOAN F. WINSLOW, Agent,
Iy
Albany Iron and Nail Works,

IMPORTANT TO ENGINEERS, CONtractors, and Surveyors.—The Engineer's, Contractor's and Surveyors's Pocket Table Book, by J. M. Scribner, A. M., 264 pages, 24 mo; tuck binding, with gilt edge, Published by Huntington & Savage, 216 Pearl street, New York.

The above work comprises Logarithms of Numbers, Logarithmic Sines and Tangents, Natural Sines and Navural Tangents; the Traverse Table, and a full and attensive set of tables, exhibiting at one view the number of cubic yards contained in any embankment or culting, and for any base or slope of sides usual in practice. Besides these essential tables, the work comprises 50 pages more of Mensuration, Tables, Weights of Iron, Strength of Materials, Formulas, Diagrams, etc., for laying out railroads, canals and curves; much of which has never before been offered to the public, and all dispensable to the engineer. This book will prove a great saving of time, and will enable the new beginner to furnish results as accurately (and with much greater rapidity) as the most experienced in the profession without its aid. The tables of Logarithms, etc., have been carefully corrected and compared with different editions of the same tables; and all the tables throughout the book have been read carefully by proofs four times; hence the most implicit confidence may be placed in their correctness.

Also, Scribner's Engineer's and Mechanic's Companion, new edition, 264 pages, enlarged, with 35 pages of entirely new matter, and much improved throughout.

It is believed these books are so well adapted to sait the above professions that they cannot effect to

throughout.

It is believed these books are so well adapted to suit the above professions, that they cannot afford to do without them, and that they will aid in reward-ing well directed mental labor. Both are for sale by all the principal booksellers throughout the United States and Canada.

WESTERN RAILROAD.—ON AND AF-ter Monday, April 5, 1847, the passenger trains will leave daily, Sun-days excepted, as follows:

Boston at 8 a. m. and 4 p. m. for Albany.

Albany at 7 1-4 a. m. and 5 p. m. for Boston.

Springfield at 8 1-2 a. m. and 1 p. m. for Albany

Springfield at 8 1-2 a. m. and 1 1-2 and 3 p. m. (or

on arrival of the train from New York) for Boston.

Day line to New York, via Springfield.—The

steamboat train leaves Boston at 6 a. m., and arrives

in New York at 7 p. m., by the steamboats Travel-ler, New York, or Champion. Returning, leaves New York at 6 1-4 a. m., and arrives in Boston at

p. m. Night line to New York.—Leaves Boston at h., and arrives in New York at 5 a. m. Albany and Troy.—Leave Boston at 8 a. m., and arrive in Albany at 6 b.

Albany and Troy.—Leave Boston at 8 a. m., Springfield at 1 p. m., and arrive in Albany at 6.. m.; or, leave Boston at 4 p.m., Springfield next morning at 81-2, and arrive in Albany at 1.1-2 p.m.

The Troy trains connect at Greenbush.

The trains for Buffalo leave at 74 a.m. and 7 p.m.

For Northampton, Greenfield, etc.—The trains of the Connecticut River Ratiroad reave Springfield at 8 1-4 a.m., 1 and 3 p.m., and passengers proceed directly on to Brattleboro', Windsor, Bellows Falls, Walpole, Etanover, Haverhill, etc.

For Hartford.—The trains leave Springfield on the arrival of the trains from Boston.

The trains of Pittsfield and North Adams Railroad leave Pittsfield on the arrival of the trains from Boston.

Boston.

N. B.—No responsibility assumed for any baggage by the passenger trains, except for wearing apparel not exceeding the value of fifty dollars, unless by special agreement.

JAMES BARNES, Sup't and Eng't.

C. A. SEAD, Agent, 27 State street, Boston.

CEORGIA RAILROAD. FROM AUOF GUSTA to ATLANTA—171 MILES.

AND WESTERN AND ATLANTA—171 MILES.

AND WESTERN AND ATLANTA—171 MILES.

SUMMER ARRANGEMENT.

This Road in connection with

United States Mail Lines between Philadelphia

United States Mail Lines between Philadelphia

Western and Atlantic Railroad now forms a continuous line, 408 miles in length, from Charleston to Dalton (Cross Plains) in Murray county, Ga.—32 miles from Chattanooga, Tenn.

CONTRACTOR	Between Augusta and Dalton	Between Charlestor and Dalton
& sought by Huntagon &	271 miles.	408 miles.
1st class. Boxes of Hats, Bonnets,	on syou	adT
and Furnature, per cu- bic foot	so 18	\$0 28
2d class. Boxes and Bales of Dry	TOTAL D	No seasons
Goods, Sadlery, Glass, Paints, Drugs and Con-	Section.	Wall Strain
fectionary, per 100 lbs.	1 00	1 50
ad class Sugar. Coffee, Liquor.	innairea	Provident
Bagging, Rope, Cotton Yarns, Tobacco, Lea-	Milita VI	polds I
ther, Hides, Copper,	24 12 20	digitarioni.
Tin, Feathers, Sheet Iron, Hollow Ware,	the bi	ito resei
Castings, Crockery, etc.	0 60	0 85
4th class. Flour, Rice, Bacon, Pork,	F 3130M 1	contraction .
Beef, Fish, Lard, Tallow, Beeswax, Bar	e so astre	SPET PR
fron, Ginseng, Mill	SEL MENT	other seri
Gearing, Pig Iron, and	arrive salari	da auci
Grindstones, etc Cotton, per 100 lbs	0 40	0 65
Molasses, per hogshead.	8 50	13 50
Salt per bushel	2 50	4 25
Salt per Liverpool sack	0 65	Equators,
Ploughe, Cora Shellers, Cultivators, Straw Cut-	GIRED.	10 898/18/1
ters, Wheelbarrows	0 75	1 50
Company on other emigrants is	0 -1 -302 (90.5	f 90 or

German or other emigrants, in lots of 20 or more, will be carried over the above roads at 2 cents per mile.

Goods consigned to S. C. Railroad, Co, will be rwarded free of commissions. Freight payable at latton. F. C. ARMS, Sup't. of Transportation. Augusta, Ga., July 15, 1847.

THE WESTERN AND ATLANTIC Railroad.—This Road is now in operation to Oothcaloga, a distance of 80 miles, and connects daily (Sundays excepted) with the Georgia Rail

From Kingston, on this road, there is a tri-weekly line of stages, which leave on the arrival of the ears on Tuesday, Thursday and Saturday, for Warrenton, Huntsville, Decatur and Tuscumbia, Alabama, and Memphis, Tennessee.

On the same days, the stages leave Oothcaloga for Chattanooga, Jasper, Murfreesborough, Knoxville and Nashville, Tennessee.

This is the most expeditious route from the east to

This is the most expeditious route from the east to any of these places. CHAS. F. M. GARNETT,

Atlanta, Georgia, April 16th, 1846 CENTRAL RAILROAD-FROM SAVAN-nah to Macon. Distance 190 miles.

This Road is open for the trans-

Portation of Passengers and Freight. Rates of Passage, \$8 00. Freight—On weight goods generally... 50 cts. per hundred. On measurement goods ...... 13 cts. per cubic ft.

On bris. wet (except molasses and oil) \$150 per barrel.

On bris. dry (except lime) \$80 cts. per barrel.

On iron in pigs or bars, castings for mills, and unboxed

United States Mail Lines between Philadelphia and Baltimore. Fare, \$3. On and after Monday, April 3d, the Mail Lines between Philadelphia and Baltimore will run as follows, viz:

MORNING LINE.

Per Philadelphia, Wilmington and Baltimore Railroad, via Chester, Wilmington, Newark, Elkton,
Havre de Grace, etc., will leave Philadelphia, from
Depot, 11th and Market streets, daily (except Sunday) at 8½ A.M., and Baltimore from Depot, Prati
street, at 9 o'clock, A.M.

A Second Class Car will be run with the morning

line. Fare, \$2.

Tickets must positively be procured at the Office for this car, as none will be sold by the conductors.

AFTERNOON LINE.

Via Newcastle and Frenchtown, will leave Phila-delphia, from Dock Street Wharf, per Steamboat Robert Morris, daily (except Sunday) at 2‡ P.M., and Baltimore, from Bowly's Wharf, at 2‡ P.M.—

Supper provided on board the boat.

NIGHT LINE.

Per Philadelphia, Wilmington and Baltimore Rail-road, will leave Philadelphia, from depot, 11th and Market streets, daily, at 11 P.M., and Baltimore at

WHEELING AND PITTSBURG.

Tickets through to Wheeling or Pittsburg, can be procured at the depot, or on board of the steamboat. Fare to Wheeling, \$13. Fare to Pittsburg, \$12. The trains leave Baltimore for the west at 7 A.M. and 4 P.M.

SUNDAY MAIL LINE.

The only line for Baltimore on Sunday leaves the depot, 11th and Market Streets, at 10 P.M.

Passengers for these lines must procure their Tickets at the office before taking their seats in the cars.

NOTICE.—All Baggage by these lines is owner's risk, and passengers are expressly prohibited taking anything as baggage, except their wearing apparel. 50 lbs. baggage allowed each passenger.

WILMINGTON ACCOMMODATION TRAINS.

On and after Monday, April 3d, the Accommoda-tion Trains, stopping at all the intermediate places between Philadelphia and Wilmington, will leave

between Philadelphia and Whatley, as follows, viz:

Leave Philadelphia, from depot 11th and Market streets, daily (Sundays excepted) at 1½ and 4 P. M.

Leave Wilmington, from the depot, Water street, daily (except Sunday) at 7½ A.M. and 4½ P.M.

The Freight Accommodation Train will leave Philadelphia at 7 P.M. and Wilmington at 7 P.M.

The Mail 'Trains stopping at Chester and Wilminton, leave Philadelphia at 8½ A.M. and 10 P.M.

Wilmington at 1 o'clock, P.M., and 12 midnight.

Fare to Wilmington, 50 cts. Fare to Chester, 25 cts.

G. H. HUDDELL, Agent.

1y15

BOSTON AND PROVIDENCE RAIL-road. On and after Monday, October 2d, the Trains will run as follows:

Steamboat Train—Leaves Boston at 5 p.m.-Leaves Providence, on the arrival of the train from Stonington.

Accommodation Trains—Leave Boston at 8 a.m. and 31 p.m. Leave Providence at 81 a.m. and 31

Dedham Trains—Leave Boston at 9 a.m., 12 m., 6, and 101 p.m. Leave Dedham at 71 101 a.m., 14, and 9 p.m. 1, 41, and 9 p.m.
Stoughton Trains—Leave Boston at 111 a.m. and

Stoughton Trains—Leave Boston at 114 a.m. and 44 p.m. Leave Stoughton at 84 a.m. and 24 p.m. Freight Trains—Leave Boston at 11 a.m. and 6 p.m. Leave Providence at 4 a.m. and 7 40 a.m. On and after Wednesday, Nov. 1, the DEDHAM TRAIN will run as follows: Leave Boston at 9 a.m., 12 m., 3, 51 and 104 p.m. Leave Dedham at 8 104, a.m., 14, 44 and 9 p.m.

WM. RAYMOND LEE, Sup't.

Yorkville, Harlem and Morrisana at 6, 8 and 11 a.m., 2, 2 30, 5 and 7 p.m.

For Morrisiana, Fordham, Williams' Bridge, Tuckahoe, Hart's Corner and White Plains, 7 and 10 a.m., 4 and 5 30 p.m.

For White Plains, Pleasantville, Newcastle, Mechanicsville and Croton Falls, 7 a.m. and 4 p.m.

Chanlesville and Croton Falls, 7 a.m. and 4 p.m. Freight train at 1 p.m.
Returning to New York, will leave—
Morrisiana and Harlem, 7, 8 20 and 9 a.m., 1, 3,
4 30, 6, 6 28 and 8 p.m.
Fordham, 8 08 and 9 15 a.m., 1 20 and 6 15 p.m.
Williams Bridge, 8 and 9 08 a.m., 1 10, 6 08 p.m.
Tuckahoe, 7 38 and 8 25 a.m., 12 55 and 5 52 p.m.
White Plains, 7 10 and 8 35 a.m., 12 50, 5 35 p.m.
Pleasantville, 8 15 a.m. and 5 15 p.m.

Newcastle, 8 a.m. and 5 p.m. Mechanicsville, 7 48 a.m. and 4. 48 p.m. Croton Falls, 7 30 a.m. and 4 30 p.m. Freight

rain at 10 a.m.

Freight train will-leave 32d street for Croton Falls Freight train will leave 32d street for Croton Falls and intermediate places, 4 a.m apd City Hall 1 p.m. Returning, leave Croton Falls 10 a.m. and 9½ p.m. ON SUNDAYS, the trains will run as follows: Leave City Hall for Croton Falls, 7 a.m., 4 p.m. Croton Falls for City Hall, 7 30 a.m., 4 30 p.m. Leave City Hall for White Plains and intermediate places, 7 and 10 a.m. 4 and 5 30 p.m. White Plains for City Hall, 7 10 and 8 35 a.m., 12 30 and 5 35 p.m.

12 30 and 5 35 p.m.

Extra trains will be run to Harlem, Fordham and Williams Bridge on Sunday, when the weather is

The trains to and from Croton Falls will not stop

on N. York island, except at Broome st. and 32d st.

A car will preceed each train 10 minutes to take up passengers in the city.

Fare from New York to Croton Falls and Somers \$1, to Mechanicsville 874c., to Newcastle 75c., to Pleasantville 624c, to White Plains 50c.

25tf

NORWICH AND WORCESTER RAIL-Road. Winter Arrangement.—1848.

Accommodation Trains
daily, (Sundays excepted.)
Leave Norwich, at 6 a. m., 12 m. and 21 p. m.
Leave Worcester, at 61 and 10 a. m., and 41 p. m.
connecting with the trains of the Boston and Worcester and Providence and Worcester railroads.
New York a Boston Line. Railroad & Steamers.
Leave New York and Boston, daily, Sundays excepted, at 5 p.m.—At New York from pier No. 1 N.
River.—At Boston from corner Lincoln and Beach
streets, opposite United States Hotel. The steamboat train stops only at Framingham, Worcester,

boat train stops only at Framingham, Worgester, Danielsonville and Norwich.

Freight Trains leave Norwich and Worcester daily, Sundays excepted.—From Worcester at 6½ a.

m., from Norwich at 7 a.m.

Fares are Less when paid for Tickets than when paid in the Cars. [3]
S. H. P. LEE, Jr., Sup't.

Boston and MAINE RAILROAD.

Winter Arrangement Commencing Nov. 13, 1848.

Trains leave Boston as follows, viz: For Trains leave Boston as follows, viz: For Portland at 7 A.M. and 2½ P.M. Great Falls at 7 a.m., 2½ and 3½ p.m. Haverhill at 7 and 1½ a.m., 2½, 3½, 5, 6 p.m. Lawrence, at 7, 9, 11½ a.m., 2½, 3½, 5, 6, 7½ & 10 p.m. Trains leave for Boston as follows, viz: From

Trains leave for Boston as follows, viz: From Portland at 74 a.m., and 3 p.m.
Great Falls at 64 and 94 a.m., and 44 p.m.
Haverhill at 7, 84 and 11 a.m., 3 and 64 p.m.
Lawrence at 64, 74, 84, 114 a.m., 124, 34, 64, p.m.
Reading at 64, 7, 74, 94, 114 a.m., 14, 33, 74, 9, p.m.
MEDFORD BRANCH TRAINS.
From Medford at 64, 8, 104, a.m., 2, 4, 6, 9 p.m.
From Boston at 74, 94 a.m., 124 24, 54, 64, 10 p.m.
The Depot in Boston is on Haymarket Square.
CHAS. MINOT, Super't.
Boston, Nov. 7, 1848.

Boston, Nov. 7, 1848.

AMI	CRI
BALTIMORE AND SUSQUEHANN Railroad.—Reduction of Fare. (Morning at	AG
Afternoon Trains between Balti-	
more and York.—The Passenger	1 5
trains run daily, except Sunday, as follows:	W
Licaves Dallimore at	n tic
Arrives at	n. ne
Arrives at	n. Fa
Arrives at	n.
Leaves Columbia for York at 8 a.m. and 2 p.r	n. Fa
Fare to York	
wrightsville 2 00	for
" Columbia	the
PITTSBURG, GETTYSBURG AND	an
HARRISRIIRG	16
Through tickets to Pittsburg via stage to Har-	_
risburg. Or via Lancaster by railroad.	0
I mough lickers in Fragmanner or Cattyshurer	
In connection with the afternoon train at 31 o'clock a horse car is run to Green Spring and Owing	30 1000
Mill, arriving at the Mills at	COL
a recturning, leaves towing's Mills at 7 an	a. of
D. C. H. BORDLEY, Supt. Ticket Office, 63 North st.	Sa
MAIN STEM. The Train carrying th	At
MAIN STEM. The Train carrying th	e (
Great Western Mail leaves Bal-	and
Cumeriand at 8 o'clock, passing Ellicott's Mills	On
Frederick, Harpers Ferry, Martinsburgh and Har	1
Frederick, Harpers Ferry, Martinsburgh and Har cock, councting daily each way with—the Washington Trains at the Relay House seven mile from Baltimore, with the Winchester Trains at Harpers Ferry — with the various railroad an steamboat lines between Baltimore and Philippers a	. [
from Baltimore, with the Winchester Trains a	8
Harpers Ferry - with the various railroad an	d _ C
and with the lines of Post Coaches between Com	a rie
octions and wheeling and the fine Steamhoute of	. 1
the Monongahela Slack Water between Browns ville and Pittsburgh. Time of arrival at both Cum	-
berland and Baltimore 51 P. M. Fare between those points \$7, and 4 cents per mile for less distan	On
those points \$7, and 4 cents per mile for less distan	- e
ces. Fare through to Wheeling \$11 and time about 36 hours, to Pittsburgh \$10, and time about 32 hours	Box
Through tickets from Philadelphia to Wheeling	S
\$13, to Pittsburgh \$12. Extra train daily excep Sundays from Baltimore to Frederick at 4 P. M.	l I
and from Frederick to Baltimore at 8 A. M.	Cro
WASHINGTON BRANCH.	Mo
Daily trains at 9 A. M. and 5 P. M. and 12 a night from Baltimore and at 6 A. M. and 5 P. M.	LIO
from Washington, connecting daily with the line North, South and West, at Baltimore, Washington	C
North, South and West, at Baltimore, Washington and the Relay house. Fare \$1 60 through between	Plo
Baltimore and Washington, in either direction,	D
cents per mile for intermediate distances. s13y	Salt
NEW YORK & PHILADELPHIA.	und
NEW JERSEY RAILROAD &	S
TRANSPORTATION CO.	war
Accommodation Line from New York to Philadel-	W19453
phia, via Jersey City, New Brunswick, and Cam-	or C
den.	1
Fare for 1st class cars, \$3; for 2d class, \$2 50; children under 12 years, half price.	-
Leaving every morming, (Sundays excepted) at 6	P
o'clock, from foot of Courtlandt street, and passing	I
through Newark, Elizabethtown, Rahway, New Brunswick, Kingston, Princeton, Trenton, Borden-	S46
town, Burlington and Camden, and arriving at Phi-	Di

ladelphia at 11; A. M. Leave New York 6 o'clock A. M.; Newark, 6b.

30m.; Elizabethtown 6h. 40m.; Rahway, 7 A. M. DAILY EXCURSION TO PHILADELPHIA.

RAILROAD IRON-2500 TONS HEAVY H Rail, now landing, and expected shortly to

68 Broad street, New York.

arrive, for sale on most favorable terms by
DAVIS BROOKS & CO.
July 19th, if 68 Broad street, New Yor

OUTH CAROLINA RAILROAD.—A
Passenger Train runs daily from Charleston,
on the arrival of the boats from Wilmington, N. C., in connection ith trains on the Georgia, and Western and Atlan c Railroads—and by stage lines and steamers con-cts with the Montgomery and West Point, and the Tuscumbia Railroad in N. Alabama. are through from Charleston to Montgomery daily ... \$26 50
are through from Charleston to Huntsville,
Decatur and Tuscumbia ... ... 22 00
The South Carolina Railroad Co. engage to revive merchandize consigned to their order, and to The South Caronna Rame to their order, and to give merchandize consigned to their order, and to reward the same to any point on their road; and to be different stations on the Georgia and Western and Atlantic railroad; and to Montgomery, Ala., by the West Point and Montgomery Railroad.

For Freight—The barges "Samuel Marsh and "Henry Suydam, Jr." will leave New York (from the foot of Duane St.) at 5 o'clock, P. M. daily (execut Sundays.) YENTRAL AND MACON AND WEST-ern Railroads, Ga.—These Roads with the Western and Atlantic Railroad of the State of Georgia, form a numuous line from Savannah to Oothealoga, Ga., 371 miles, viz: d Oothcaloga, at the following rates, viz: Weight Goods-Sugar, Coffee, Liquor, Bagging, Rope, Butter, Cheese, Tobacco, Leather, Hides, Cotton Yarns, Copper, Tin, Bar & Sheet Iron, Hollow Ware & 000 ..80 50 \$0 75 Stones ..... 0 50
Measurement Goods—Box-0 624 sof Hats, Bonnets and Furniture, per cubic foot.....xes and Bales of Dry Goods, Saddlery, Glass, Paints, Drugs and Confectionary, .. 0 20 0 26 0 20 pr. 1001bs. 35 12 50 1.50 0 95 assage—Savannah to Atlanta, \$10; Children der 12 years of age, half price, Savannah to Macon, \$7. Goods consigned to the subscriber will be for-rded free of Commissions. Freight may be paid at Savannah, Atlanta Dothcaloga. WINTER, Forwarding Agent, C. R. R. avannah, Aug. 15th, 1846.

HILADELPHIA AND READING RAIL ROAD.—Passenger Train Arrangement for

1848.
A Parsenger Train will leave Philadelphia and Pottsville daily, except Sundays, at 9 o'clock A. M.

The Train from Philadelphia arrives at Reading at 12 18 M.

Excursion Tickets will be furnished, entitling the passengers to return by the 44 o'clock P. M. Mail Line the same day, or next morning by the 6 o'clock A: M. Mail Line, for FIVE DOLLARS.

The Train from Philadelphia arrives at Reading at 12 18 M.

The Train from Pottsville arrives at Reading at 10 43 A. M.

Fares.

Between Phila, and Pottsville, 92 33 50 and \$3:00

Reading, 58 2-25 and 190

Pottsville 34 1:40 and 1-20

Five minutes allowed at Reading; and three at other way stations.

Tickets can be procured at the Broadway Hotel, Dennison House, or at the Depot of the Company on East Front street.

Further information and through tickets for the Stage lines, may be procured at P. Campbell, Agent on Front street, near Broadway

The company will not be responsible for caggage beyond 50 dollars in value, unless the same is returned to the conductor or agent, and freight paid at other way stations.

other way stations. and Vine streets

NEW YORK ANDERIE RAILROAD LINE. SUMMER ARRANGEMENT. For passen-gers, (wice each way daily, (except Sunday,) leave New-York from the foot of Duane St. at 7 o'clock, A. M. and at 4 o'clock, P. M. by steamboat, for Piermont, thence by cars to Ramapo, Monroe, Chester, Gushen, Middletown, Otisville, and the intermediate

The return trains for New York will leave Otisville at 6 30, A. M. and 4 15, P. M.; Middletown at 7 A. M. and 4 40, P. M.; Goshen at 7 22, A. M. and 5 3, P. M.; Chester at 7 35, A. M. and 5 18, P. M. Fare between New York and Otisville, \$1 50;

the foot of Duane St.) at 5 o'clock, P. M. daily (except Sundays.)

No freight will be received in New York after 5 o'clock, P. M.

Freight for New York will be taken by the trains eaving Otisville at 10½ o'clock, A. M.; Middletowh at 11¼, A. M.; Goshen at 12½, P. M.; Chester at 1 o'clock, P. M., etc., etc.

For farther particulars, apply to J. F. CLARK-SON, Agent, corner of Duane and West Sis., New York, or to S. S. POST, Superintendent Transportation, Piermont.

2411

H. C. SEYMOUR, Sup't.

L ITTLE MIAMI RAILROAD COMPANY. Fall and Winter Arrangement, 1847. On and after Monday, September 20th,

until further notice, a Passenger train will run as follows:

Leave Cincinnati daily at 9 A. M., for Millord, Foster's Crossing, Deerfield, Morrow, Fort Ancient, Freeport, Waynesville, Spring Valley, Xenia, Yellow Springs, and Springfield. Returning, will leave Springfield at 44 a.m. Upward train arrives at Springfield at 24 p.m. Downward train arrives at Cincinnati at 104 a.m.

Freight trains will run each way dany.

Messrs. Neil, Moore & Co. are running the following stage lines in connection with the road:

A daily line from Xenia to Columbus and Wheeling, carrying the great Eastern mail.

Daily lines from Springfield to Columbus, Zanes ville and Wheeling. Also to Urbana and Bellefon-

A line of Hacks runs daily in connection with the train between Deerfield and Lebanon.

Passengers leaving for New York and Boston, arrive at Sandusky city via Urbana, Bellefontaine & the Mad River and Lake Erie railroad, in 27 hours, including several hours' sleep at Bellefontaine. To the same point via Columbus, Delaware, Mansfield and the Mansfield and Sandusky city railroad, is 32 hours. Distance from Cincinnati to Springfield by railroad.

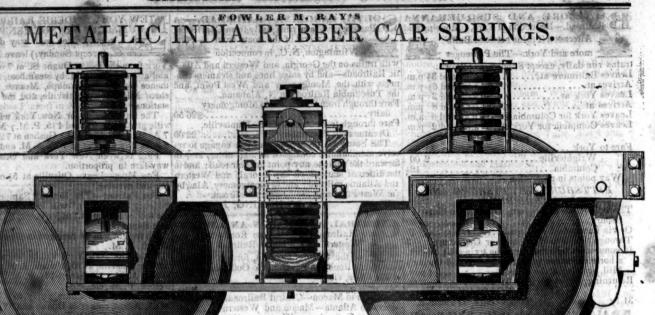
From Springfield to Bellefontaine by stage, FARE-From Cincinnati to Lebanon .... \$1 00 461-10

" Xenia ... 1 50
" Springfield .. 2 00
" Columbus ... 4 00
" Sundusky city 7 00 46 " issi I'm to The rassenger trains runs in connection with Strader & Gorman's line of Mail Packets to Louis-

ville.

her way stations.

Passenger Depot in Philadelphia corner of Broad amount. W. H. CLEMENT, Sup's.



THE NEW ENGLAND CAR COMPANY The following article, from the pen of Mr Hale, T AP-WELDED WROUGHT IRON TUBES have introduced these Springs, and they are the president of the Boston and Worcester railroad, T for Tubular Boilers, from 14 to 15 inches dia-

known to answer the purpose. The known to answer the purpose is and if any such should be produced, it cannot be used for Car Springs, while Goodyear's patent, and the rights of the New England Car Company under them, remain in force.

The New England Car Company are now prepared to answer orders for all that may be called for on reasonable notice, and uniform and equivable terms. They invite the most careful examination, and the severest scrutiny, into the merits of their Springs, wherever they have applied them. And if after such examination, your Company should judge it for their interest to adopt them, the N. E. Car Engliding B. &. W. R. R.

Company would respectfully invite the patronage which they think they deserve, and are confident of receiving at your hands.

EDWARD CRANE, Agent, Office 99 State street.

Office 99 State street.

Orders may also be left with WM. RIDER & BROTHERS, No. 58 Liberty street, New York, or with F. M. RAY, Agent, 100 Broadway, N. Y.

The New England Cark company. The following article, from the pen of Mr Hale, have introduced these Springs, and they are now in operation on every Raifroad terminating in Besson, and several others in New England and the Middle States. Their qualities are well understood or may be readily; ascrutanted by every person in terested to know them. They require no recommendation from the Company. The only known compound of India Rubber good for anything for this purpose is the Vulcanized India Rubber, in wheted by Charles Goodycar, of New Haven, and the application of it, and the form in which it is used, were invented by P. M. Ray, of New York, it is used to manufactured in the solution of their own Agent, and they be principal Engineers and the draw and a submitted by the Caledonian Tube Company, GlassThe Springs why sell gainst a similar to the Soston and Worcester railroad, as application of it, and the form and appl

for advertising contracts, and placing the merits of new undertakings fairly before the public.

TERMS. - Five Dollars a year, in advance.

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LETTERS and COMMUNICATIONS for this Journal may be directed to the Editor,

D. K. MINOR.